

Cosman Bros

ESTABLISHED
1840.



Rochester, N.Y.

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CENTAUREA...Emperor William

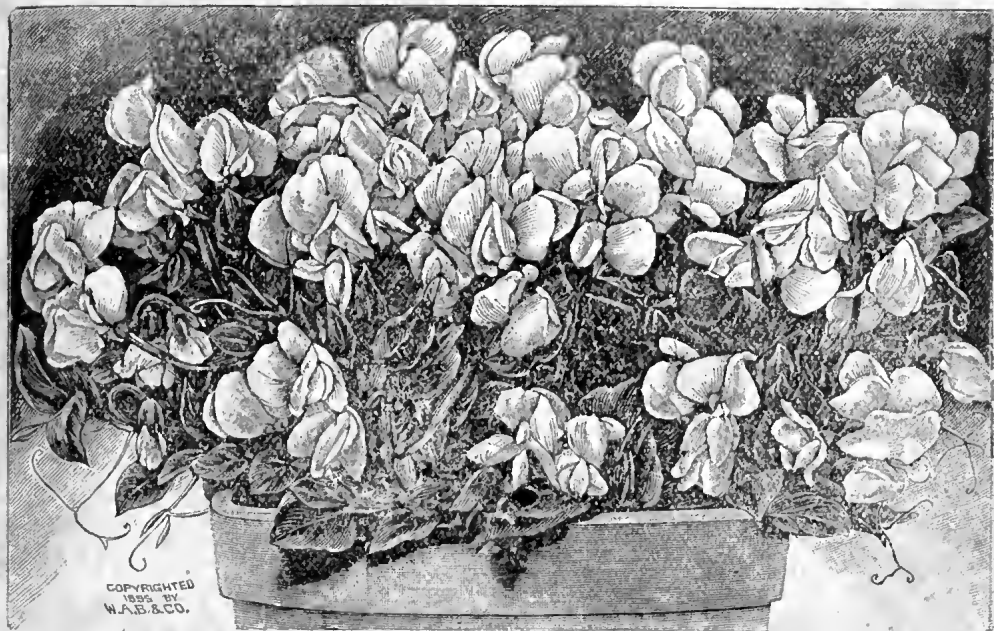
THE SHIRLEY POPPY.

Nasturtium--Dwarf, Mixed Colors.

One Packet each of the above
three very Popular and Choice
Flowers, free by Mail for 15 CTS.

STECHER LITH CO. ROCHESTER N.Y.

NOVELTIES. ALL POST PAID.



A SINGLE PLANT OF CUPID.—Grown in a Pot, engraved from a Photograph.

Your attention is invited to

The New Dwarf SWEET PEA, "CUPID,"

The only Dwarf Sweet Pea ever known,
which, unlike all others, grows only FIVE inches high.

The foliage is very dark green; blossoms pure, waxy white, of unequaled substance, and fully as large as "Emily Henderson." The plant does not grow over five inches high, and never more than twelve to fifteen inches in diameter. The stems are about four inches long, bearing two or three blossoms, all very near the end of the stem. It is well suited for growing in pots or as a border plant. It is a wonderfully free bloomer, and begins to flower as early as May and continues until November. The seeds are white and of usual size. No lover of Sweet Peas should fail to try this Novelty as it is the first of an entirely distinct race. Packet (20 seeds), 25 cents; half packet (10 seeds), 15 cents.

Double Sweet Peas.

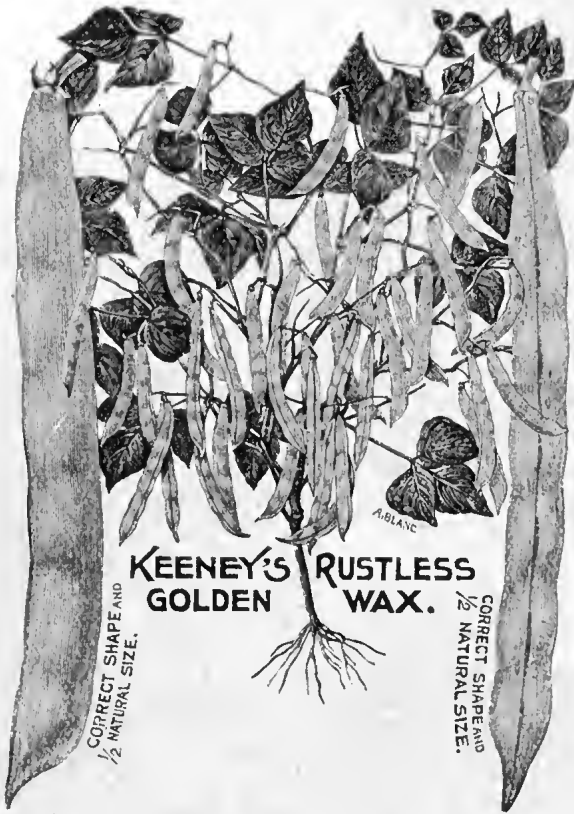
Fine Mixed Colors.

Double Sweet Peas are of incomparable beauty. The plants are of robust growth, producing a great profusion of very fragrant, extra large flowers. The blossoms have two or three standards, and frequently three wings. The effect of the extra number of petals being to intensify the coloring and bring the high lights into strong relief. These delightful contrasts give the Double Sweet Pea a beauty peculiarly its own. Oz. 40 cents; pkt. 10 cents.

KEENEY'S RUSTLESS

Golden Wax Bean.

It is the only WAX BEAN in the trade which combines productiveness and hardiness with fine quality and absolute stringlessness. It is a Bush Bean which throws out short tendrils on which additional pods are formed. The pods are meaty, thick, and well filled, flat when young and semi-round later, of a rich yellow color, and fine quality, and entirely stringless, even when large enough to shell. Pint, 30c.; pkt., 10c.; by mail, postpaid.

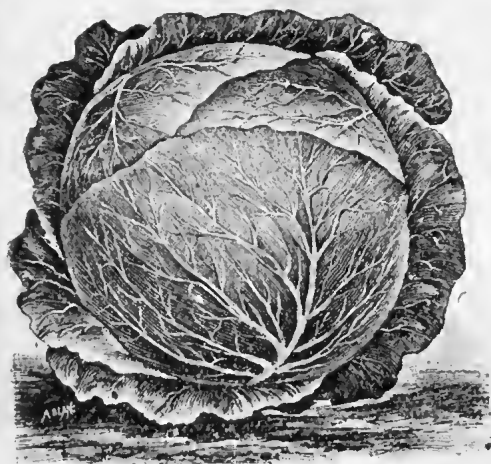


"Pink Plume" Celery.

The most beautiful Celery that ever graced a table. Flavor most delicious, crisp and nutty. The first and the last Celery that is fit to use. Absolutely solid and free from stringiness. So brittle that a stalk held in the hand will almost break of its own weight.

This new variety is an advance in celeries that merits more than ordinary praise; It is an intermediate between white and red celeries, combining the good qualities of both. The "Pink Plume" is practically identical with famous "White Plume," but with the added merit of the stalks being exquisitely suffused with pink and possessing the crispness, rich nutty flavor and long-keeping qualities for which red celeries are noted. "Pink Plume" is also remarkably attractive when trimmed for the table. The solid succulent stalks are IVORY WHITE SUFFUSED WITH DAINTY PINK, which not only delight the eye but tempt the palate of the epicure. Is a strong, healthy, compact grower, with no tendency to rust; stems very solid and crisp, extra early and a long keeper, remaining, when properly trenched, in perfect condition away into the spring. The variegation on the tops does not show quite as clearly as the "White Plume," but the celery blanches and matures really a little earlier. It is a self-blanching variety in the same sense that "White Plume," and Golden Self-Blanching are—that is, it requires but a slight earthing up or banking to prepare this variety for the table.





CABBAGE.

Improved Danish Ballhead Winter.

The favorite Cabbage of Denmark, and shipped in immense quantities to London and other large cities where it commands a high price. In season about the same time as Fottler's Brunswick; heads globular in shape, of medium size, and remarkably hard and heavy. Lb. \$.500; oz. 50c; $\frac{1}{2}$ oz. 30c; pkt. 10c.

New Stringless Green Pod Bean.

This is most aptly named, as it is the only stringless green pod bean in cultivation. It is crisp and tender, and its fine, rich flavor makes it a universal favorite. It being two weeks earlier than the Extra Early Red Valentine, makes it of great value to the market gardener as a money getter, and also to those who seek the finest quality for the home table. Pint, 30c; pkt. 10c; by mail, prepaid.

New Watermelon, Sweet Heart.

Early, uniformly large and handsome, a good shipper and long keeper. The skin and flesh are of splendid color, and it has no equal as a shipping Melon. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and very light green. Rind thin but firm. Flesh bright red, solid; very tender, melting and sweet. Fruit remains in condition for use longer than any other sort. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c; by mail, postpaid.

Nott's Excelsior Pea.

This is a very fine new extra early dwarf wrinkled Pea, foliage dark green and rather heavy, haulm close jointed: the pods average fully one-third larger than the American Wonder, and while it may not always be quite so early, by a few days, are all ready for picking at one time. Each pod contains six to eight large peas, which are of unusually sweet flavor; so closely are the peas packed in the pods that they are flattened against each other, as are the Potato Limas. We are glad to say that our seed crops were better this season, and we would recommend amateurs and market gardeners to give this superb variety a thorough test, as it has undoubtedly "come to stay." Pkt. 10c; pint, 30c; quart, 50c, postpaid. By express, quart, 35c; 2 qts. 60c; 4 qts. \$1.10; peck, \$2.00; bushel, \$7.50; 2 bushels, \$14.00.

LETTUCE, Crosman's New Golden King.

Plants medium size, with numerous round, smooth leaves, which are of a beautiful yellow color, and very sweet and tender. They form medium-size, solid heads, which, when prepared for table, are exceedingly attractive in appearance. Lb. \$2; oz. 20c; pkt. 5c.

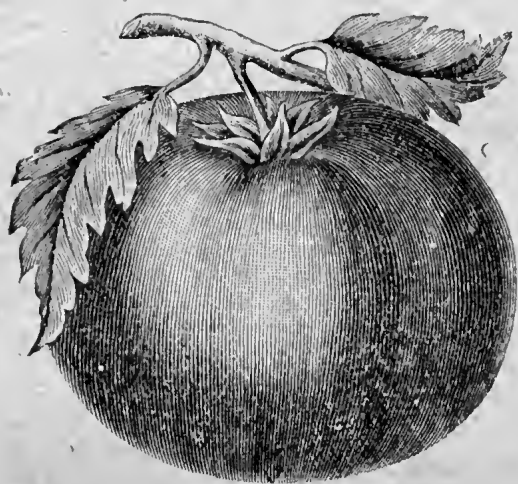




Early Leader Tomato.

It is nearly impossible to combine in one Tomato all the good qualities required to produce a perfect variety, but the earliness, size, quality, productiveness and good form of the Early Leader, make it the most perfect Tomato yet produced. The fruit, which is of a rich crimson color, is borne in large clusters, on strong, vigorous vines, which support their load of fruit well. Pkt. 25c ; half pkt. 15c.

Imperial Tomato.



IMPERIAL TOMATO.

This variety embraces more good qualities than any other sort, and in size, shape and appearance surpasses any heretofore introduced. Color, bright red ; round, solid, and of excellent flavor. Is very early and valuable for marketing. Are uniform in size, smooth and ripen well around the stem. Thick meated and resemble the New Stone or Columbian Prize in color. Pkt. 10c.

POINTS FOR BUYERS.

Our terms are strictly cash with order, except to parties known to us or furnishing satisfactory reference.

Seeds and Bulbs Free by Mail.—We will send Seeds and Bulbs by mail to any part of the United States at prices named in the Catalogue, postage paid by us, thus enabling persons who reside in the most remote sections of the country to procure good seeds at as reasonable prices as those who reside in our immediate vicinity; this does not apply to Seeds ordered by the Peck, Bushel or Barrel; when ordered in such quantities, we will forward by Express or Freight, as the purchaser may desire, at his expense.

Our Prices on everything are as low, we believe, as those of any reliable house in the trade. Parties comparing prices should remember that our prices include postage (except where otherwise stated), whereas the postage must be added to the prices given in the catalogues of many other houses.

See “**Special Inducements**” to buyers of \$1.00 and over of seeds in packets on page 2.

Special Notice.—By thorough testing we aim to send out no seeds except of the best germinating quality. However, in order to protect ourselves against unscrupulous persons making false claims, all seeds sent out by us are sent only under the following non-warranty:

“While we exercise the greatest care to have all Seeds pure and reliable, it is hereby mutually agreed between ourselves and the purchaser, that we do not warrant the same, and are not in any respect liable or responsible for the Seeds sold by us, or for any loss or damage arising from any failure thereof, in any respect.” If the purchaser does not accept the seeds on these terms they must be returned at once, carriage free.

Market Gardeners and others using Peas, Beans, Corn, Onion Sets, etc., by the peck or bushel, will find special prices on page 41.

Don't overlook the novelties (on tinted paper in front of this book.) Try one or two of them at least, just for curiosity, if nothing more.

How to Send Money.

Remittances may be made *at our risk* by either of the following methods, viz: P. O. Money Order, Draft on New York, Express Co.'s Money Order, or by Registered Letter. We will allow exchange on all remittances. The cost of procuring money orders, drafts, etc., and registering letters, may be deducted from the amount to be sent.

U. S. Postage Stamps will be received at par, but we would prefer that customers use them only in remitting fractions of a dollar.

Don't Forget Your Name, Post-office or State.—Persons ordering Seeds, etc., will please bear in mind it is absolutely necessary to give *Name, Post-office, County and State*, in plain, legible writing. Neglect of this causes a great deal of trouble and uneasiness on our part, as well as on the part of those ordering. We frequently receive orders without even a name or address.

How Orders Are Executed.

Dispatch in Filling Orders.—All orders for non-perishable goods are filled on the same day as received. We have acquired an enviable reputation for promptness, and have hundreds of letters especially complimenting us on this point. Next to receiving poor seeds, nothing is more annoying to the purchaser than the tediousness of waiting for the arrival of over-due orders. Perishable goods, such as Bulbs, Plants, Roots, Potatoes, etc., will be shipped as soon after the receipt of the order as the weather will permit. In frosty weather, if perishable and non-perishable goods are ordered at the same time, the latter will be forwarded at once, and the perishable part of the order will follow as soon as the weather permits.

"The Best is None Too Good" has always been our motto in filling orders for Seeds and plants, and nothing inferior is ever sent out by us. The Seeds we sell are fresh and genuine, and our plants are strong, healthy and stocky, and never fail to please.

Correction of Errors.—The utmost care is exercised in filling orders. Every order, after being filled, is carefully examined by an experienced person before packing, to be certain that everything ordered is sent. Errors may occasionally occur during our busy season, and in such cases we always desire to be informed of the fact, and promise to make corrections that will be perfectly satisfactory. Customers should always keep a copy of the orders sent, so that they can see that they receive just what was ordered, as persons often forget what they ordered, and complain without just cause.


The Safe Arrival of Packages Guaranteed.—We guarantee the safe arrival of all packages of SEEDS and BULBS in good condition in every instance; if, however, a package fails to reach a customer, we will duplicate the order as soon as informed of the loss of the same; or, if any part is injured or lost, we will gladly replace it; our object being to give satisfaction in every particular, and to furnish Seeds and Bulbs at a nominal price, and without any risk whatever attached to the purchaser.

Special Inducements to Clubs and Individuals.

ON PACKETS ONLY.

To those who have secured a copy of this Catalogue, and who will have the kindness to call upon their neighbors, solicit their orders, and thus form a club, we offer large discounts, as will be seen below. Those who desire Catalogues to aid them in the formation of such clubs will be furnished free. For the purpose of encouraging the formation of such clubs, and as a compensation for the efforts it may require, we offer the following liberal inducements:

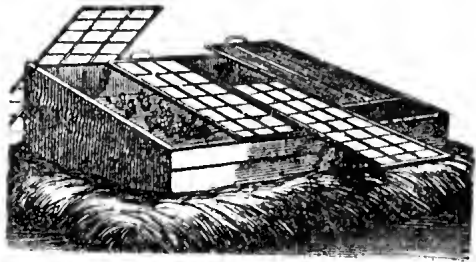
Parties remitting \$	1.00	may select Seeds in pkts. at Catalogue prices amt'g to \$	1.30
"	"	2.00	" " " " 2.65
"	"	3.00	" " " " 4.00
"	"	4.00	" " " " 5.35
"	"	5.00	" " " " 6.70
"	"	10.00	" " " " 13.35

 This discount is allowed on *Flower and Vegetable Seeds in packets only*, and does not apply to seeds by the *pound, ounce, quart or pint*, nor to *Bulbs*; nor can we pay this discount in *Bulbs*, or seeds by the *pound*. *The same advantage will, of course, be allowed to any one person ordering for himself alone*, and the seeds will be sent by mail to one address, or in separate packages to each individual forming the club, as directed, accompanied by one of our Catalogues for each member of the club, whose name will be placed upon our Register and who will receive our Catalogue *free*, as soon as published the next season.

USEFUL HINTS TO THE AMATEUR.

Sowing the Seed and Preparing the Soil.—These are very important matters and care should be taken to have your *seed-bed finely raked*, free from all *rubbish and lumps*, and well enriched with well-rotted manure, also not to sow seed *too early*, or in other words, until the soil becomes *sufficiently warm and dry*, so that it will work mellow and crumble to pieces when struck with the spade. Do not attempt to raise fine Flowers or good Vegetables on a poor soil; always keep a heap of manure on hand for the next season, when it will be *thoroughly* rotted and ready for use. If these points are overlooked, and the seed sown too early, it is apt to rot or perish, and consequently involves a loss and sad disappointment on the part of the cultivator, and it is not the fault of the *seeds or seedsman*, to whom it is unjustly laid a great many times. However, in all cases, follow as nearly as possible the directions of each variety, as given in the Catalogue, and you will have marked success.

The Hot-Bed.—Seeds sown in hot-beds are very certain of success, if the proper care and treatment have been exercised in the construction and management of the bed. The first thing necessary is to select a *sheltered situation* for your bed, then dig a pit ten or twelve inches deep, and about one foot wider than the sides and ends of the frame to be used; the next in order is



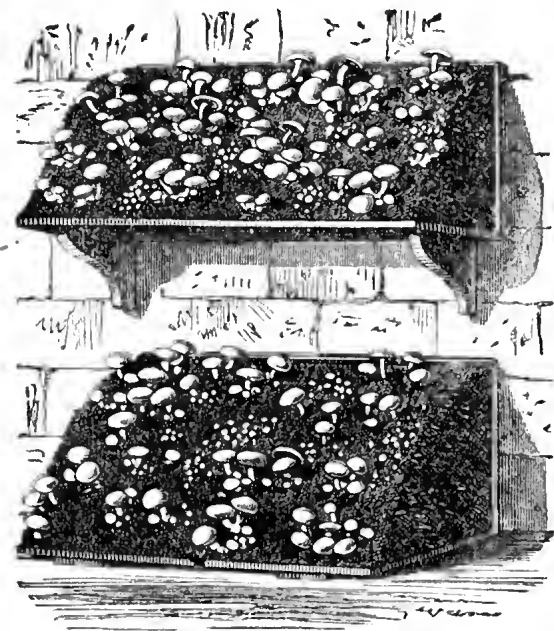
the *heating material*, which should be *fresh horse dung* from the stable, and should be thrown into a conical pile; when a lively fermentation has taken place, which will be indicated by the escape of steam from the pile, it should be again turned over and formed into a pile, and let remain so until the second fermentation occurs, which will be usually in two or three days. It is now ready to spread in the pit. Beat down evenly with the back of the fork, so that it is uniformly of the same solidity; it should be two feet deep. The sash is now placed on the frames and kept closed until the heat rises. At this time a *thermome'er* plunged into the heating material should indicate about *100 degrees*, but this is too hot for any vegetable growth; as soon as the heat has subsided, which it will do in about three days, providing the heating material has been properly prepared, and the thermometer indicates *90 degrees*, soil should be spread regularly over the surface of the bed to the depth of five or six inches and should be *good loam*. After a couple of days the seed may be sown and great care and attention is required to prevent the young plants from scorching by the hot rays of the sun. When the sun shines very brightly the heat becomes intense, and to prevent scorching the plants, air must be freely admitted, and by giving the glass a thin coat of whitewash all will be made safe; *covering up* at night is also very essential, and also that the soil never be allowed to get dry, sprinkle gently with *lukewarm* water. The two most essential points in the management of hot-beds are, *covering up* at night, and admitting air during the day, as sometimes the whole contents of a bed is lost by one cold night or hot day.

Transplanting.—After the plants in the hot-bed or seed-bed in the garden have obtained their second leaves and made an inch or two of growth, they should

be removed to the garden beds or borders where they are designed to remain. This should be done on a dull, showery day, if possible, or in the evening after sunset; if not, the plants may require shading after removal until they become established. In transplanting in dry weather always give the plants as they stand in the seed-bed a good soaking with water, and also the soil to which they are to be removed, an hour or so before removal; in removing disturb the roots as little as possible. If the plants are not too thick, there is no need of injuring the roots; and in sowing it is well to have this in view, and sow evenly and thinly. As soon as the young plants come up, if too thick, a portion should be removed. A few plants with long tap-roots will not bear removal well, such as the Larkspurs, Poppies, Candytufts, Sweet Peas, and a few others of a similar character.

The Cold Frame is a simple construction of boards for wintering Cabbage, Lettuce, Cauliflower, Brocoli, etc., for planting out early in the spring. Select a dry southern exposure. Make a frame from four to six feet wide, and as long as is required. The back should be fourteen inches, and the front six inches high, with a cross-tie every six feet. Seeds of the above named vegetables, sown in open borders early in September, will be ready to plant in the cold frame about the last of October. The soil should be well prepared and smoothly raked before planting. Admit air freely on all pleasant days, but keep closed in severe weather.

Amateurs in the Cultivation of Flowers should remember that the selection of seeds is an important matter. Be careful about trying too many of the tender varieties in a single season; otherwise the cultivation of the same may be unjustly given up as a failure. If the object is a brilliant bed on the lawn, or in the border, the Petunia, Phlox, Portulaca, Verbena, etc., will answer, while a bed of the smaller or less showy flowers, such as Mignonette, would be entirely out of place. The tall, showy varieties, including the Gladiolus, Zinnia, Marigold, and others are more desirable for the background. It may be here mentioned that the best soil for flowers is a rich, mellow loam, although fair success has been attained on clay which has been well worked and mixed with sand, ashes and manure.



MUSHROOMS ON SHELVES.

Fertilizers, Insect Destroyers and Garden Tools, including the latest inventions, are described and priced in the back part of this Catalogue.


Mushrooms and Their Culture.

We are so often asked for advice on the culture of Mushrooms that we have published a pamphlet of instruction for Mushroom culture, which will be sent free with all orders for Spawn. To all others on the receipt of 10 cents.

VEGETABLE SEED DEPARTMENT.

POSTAGE PREPAID

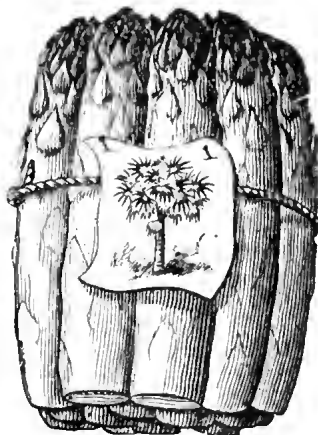
by us on all Seeds by the Pound, Ounce, Packet, Quart or Pint.

 No half ounces made except where noted, and no half-packets in any case. Quantities less than a quarter pound will be charged at ounce rates.

ASPARAGUS.

German, Spargel. French, Asperge.

A very popular and valuable vegetable. Seed may be sown early in spring or autumn, in drills one inch deep and eighteen inches apart; soak the seed in warm water before sowing; the following spring the roots may be removed to a permanent bed, which should be thoroughly manured and pulverized at least two feet deep. Plant in rows, three feet apart and one foot between the plants in the rows; spread the roots well out, and let the crown of the plant be covered five or six inches below the surface; a sandy loam is best, but will thrive in almost any soil, but rich soil and plenty of manure produces Giant Asparagus. In the fall clean your bed and cover with a dressing of rotten manure, which should be forked under in the spring. A sprinkling of salt is very beneficial. If desired the plants may remain in the seed-bed until the second year. For an ordinary family, a bed 12x40 feet, requiring about 100 plants, is sufficient.



PALMETTO.

Pkt. Cts.

- Columbian Mammoth White.**—We believe this to be the most distinct and valuable variety in cultivation. Not only are the stalks of the largest size, but they are produced abundantly and very early. They are clear white and remain so, in favorable weather, until three or four inches above the surface. The crown or bud of the young stalk is considerably smaller than the part just below it; thus still further distinguishing the variety. Wherever known this sort commands an extra price, not only on a fancy market, but from canners, who find that when put up, under a special brand, it sells so readily at a high price as to warrant them paying the grower an extra price for it. From ten to twenty per cent. of the plants grown from seed will produce green shoots, but these plants can be readily distinguished and rejected when setting the permanent bed. Per lb. \$1.25; oz. 15c 10
- Colossal**, a mammoth variety, of vigorous growth, sending up extra large sprouts in great abundance. Per lb. 50c.; oz. 10c..... 5
- Palmetto**, a new variety, and a decided improvement on the Colossal, being earlier and a heavier yielder. In market this variety commands a high price on account of its size, evenness and regularity in growth. It is fully 10 days earlier than any other variety. Per lb. 75c; oz. 10c 5
- Barr's Mammoth**, has very large, tender stalks of a very light color. Per lb. 60c.; oz. 10c..... 5

ASPARAGUS ROOTS.

By Express, at the expense of purchaser.

- Colossal**, Two-year old roots, \$1.00 per 100, \$6.00 per 1,000.
- Palmetto**, Two-year old roots, \$1.00 per 100, \$7.00 per 1,000.
- Columbia**, Two-year old roots, \$1.25 per 100, \$7.50 per 1,000.
- Barr's Mammoth**, Two-year old roots, \$1.25 per 100, \$7.50 per 1,000.

ARTICHOKE.

German, *Artichoke*. French, *Artichaut*.

The flower-heads in their immature state contain the edible part, which consists of that portion of the fleshy receptacle which adheres to the scales, called the *bottom*. It is entirely different from and preferable to the Jerusalem Artichoke, which produces tubers. Sow in April, in rich soil, and transplant the following spring to permanent beds, in rows (or hills) three feet apart, and two feet between the plants. The plantation, first season, will give only a partial crop, but as it is a perennial, after being once planted, the bed will remain in bearing for years. It requires a deep, rich loam, and should be protected in winter by a covering of leaves or coarse manure.

Large Green Globe, best for general culture, oz. 30c. 10 Pkt. Cts.

BEANS. (DWARF OR BUSH.)

German, *Bohnen*. French, *Haricots*.

A warm, light soil is best adapted to Beans, but they will thrive in any garden soil. Plant as soon as safe from frost and the ground becomes warm and dry, in hills, two inches deep; put five or six beans in a hill; or in drills two feet apart, and two inches deep; drop the beans two inches from each other. Drills are advised for garden use. One pint of ordinary sized beans will sow about one hundred feet of drill or about the same number of hills. The *dwarf* varieties grow about eighteen inches high and require no support. Keep clean by frequent hoeing, always when the leaves are dry.

GREEN PODDED VARIETIES.

Emperor William, the earliest of all beans; pods very large, flat, and borne in great profusion; good either shelled or dry; seeds white. Pt. 25c. 10



EARLY RED VALENTINE.

Early Red Valentine, very early, productive and tender; used principally for string beans. Pt. 20c. 10

White Valentine, the seed of this bean being white gives it additional value, as it can be used green as a snap bean or as a winter shelled bean. Pt. 25c; qt. 45c. 10

Early Mohawk, excellent for string beans, tender and early, very productive, and hardy enough to endure light frost. Pt. 20c. 10

Early Yellow Six Weeks, (*Long*) a hardy and prolific variety; seeds pale yellowish drab; fine for string beans. Pt. 20c. 10

Early China, a very excellent early variety, both for string and shelled beans, green or dry; prolific, and is a standard sort; seeds white with red eye. Pt. 20c. 10

Extra Early Refugee, has all the superior qualities of the famous Refugee, and is fully two weeks earlier in podding. Pt. 20c. 10

Refugee, or 1,000 to 1, hardy; one of the best for pickling. Pt. 20c. 10

Burpee's Bush Lima, a bush form of the true Large Lima; plants uniformly dwarf, bearing very abundantly; pods as large as those of the Large Limas, and containing from four to six beans; very large, flat, and of the best quality. Pt. 30c., $\frac{1}{2}$ pt. 20c. 10

Dreer's Bush Lima, a dwarf form of Lima, having thicker pods and beans than the Burpee Bush Lima, and by many considered even better in quality. Pt. 25c., $\frac{1}{2}$ pt. 15c. 10

Broad Windsor, very hardy and excellent for general use. To insure well-filled pods pinch off the tops as soon as the lower pods begin to set. Pt. 25c. 10



Henderson's Dwarf Lima, a dwarf variety of the well-known Lima Bean, but two weeks earlier and more productive; flavor delicious; seeds much smaller than those of the pole variety. Pt. 25c.....10

Boston Favorite, or Goddard, red-podded dwarf. Pt. 20c.....10

White Kidney, or Royal Dwarf, a late variety; fine for shell beans. Pt. 20c. .10

Red Kidney, similar to the above; seed purplish red. Pt. 30c., $\frac{1}{2}$ pt. 20c.....10

White Marrowfat, the very best for baking; beans large, white. Pt. 20c.....10

Dwarf Horticultural, similar to the well-known horticultural pole bean, with the exception of its dwarf habit. Pt. 25c.....10

New Prolific Pickler, a new green-pod variety, and is especially adapted for pickling, excellent quality; the pods, when pickled, show up well on account of their freshness in color; the plant grows about three feet high and is stocky in habit; a very nice snap bean and stringless when young; it is extremely hardy and a great bearer of long pods (8 to 10 inches in length) which come in clusters. Pt. 30c., $\frac{1}{2}$ pt. 20c.....10

YELLOW PODDED VARIETIES.

Challenge Dwarf Black Wax, the earliest of all Wax Beans, making it a pronounced favorite with market gardeners; the pods are of good size, of rich yellow color and stringless; seeds black when ripe. Pt. 25c.....10

Prolific Black Wax or Butter, early, very tender and solid; the pods are of a waxy yellow, stringless and almost transparent. Pt. 20c.....10

Rust Proof, or Improved Golden Wax, pods large, long and brittle, and entirely stringless; as a snap bean it excels all others in tenderness and richness of flavor, and is also valuable as a shell bean. Pt. 20c.....10

Black-Eyed Wax, one of the earliest beans grown, and worthy of a trial; seeds white with black spots about the eye. Pt. 20c.....10

Golden-Eyed Wax, early, vigorous, and a profuse bearer; the pods are flat, large and tender; singularly free from blight and rust. Pt. 20c.....10

Wardwell's Kidney Wax, extra early; long, flat, waxy pods; very free from rust. Pt. 20c.....10

Red Flageolet Wax, a peculiarly valuable early wax bean; a decided advantage being their freedom from rust; an enormous yielder of mammoth pods often reaching twelve inches in length; seeds red. Pt. 20c.....10

Crystal White Wax, distinct, but not strictly a wax bean; very desirable for snaps or pickles; vines large, spreading, very productive, having many runners, producing pods in pairs throughout their whole length; blossoms small, yellowish-white; pods greenish-white, short, curved, round or thicker than wide, with creases in the back, very fleshy and brittle; ripe beans small, oval, white. Pt. 25c.....10

Refugee Wax, a true wax Refugee; beautiful tender pods; unaffected by drought; no string, no rust; enormous cropper. Pt. 25c.10

Yosemite Mammoth Wax, a valuable variety; enormous pods 8 to 12 inches long, very thick, nearly all solid pulp, rich yellow, and absolutely stringless; exceedingly productive. Pt. 30c.....10

N. B.—All the beans thus far mentioned are dwarf, and require no support

BEANS (POLE OR RUNNING.)German, *Stangen-Bohnen*. French, *Haricots a Rames*.

This class of beans is less hardy than the Dwarfs, and should be planted about the 15th of May in a rich sandy loam, in as warm a situation as can be found. Four plants are sufficient to grow in a hill ; set the poles three feet apart each way, and plant the beans around them ; when the plants have attained the height of from six to eight feet, pinch off the ends ; the effect will be to cause a greater fruitfulness. Hoe only when the leaves are dry.

- Pkt. Cts.
- Large White Lima**, the seeds of this variety are very large and broad, and come up best if planted with the eyes down ; one of the richest, most buttery, and delicious beans grown ; unsurpassed as a shelled bean. Pt. 25c. 10
- Early Jersey Lima**, from ten days to two weeks earlier than the above. The beans are a trifle smaller, but very tender and delicious. Pt. 25c. 10
- Dreer's Improved Lima**, an improvement on the old Lima, being earlier and more productive, while retaining its fine flavor. Pt. 25c. 10
- King of the Garden Lima**, preferred by many to either of the above varieties of Lima, being more vigorous and very productive. Pt. 25c. 1
- Small Lima or Sieva**, earlier and harder than Large Lima. Pt. 25c. 10



EARLY GOLDEN CLUSTER WAX.

Early Golden Cluster Wax, begins to bear early in July and continues until frost. Pods six to eight inches long, freely produced, of a beautiful golden-yellow ; flavor delicious. Used either shelled or as a string bean. Pt. 25c. 10

Dutch Case Knife, a good market bean ; productive and very early ; good green or dry ; excellent flavor ; seeds white, flat and kidney-shaped. Pt. 25c. 10

Lazy Wife's, the pods grow from six to eight inches long, entirely stringless, of a rich buttery flavor when cooked. Pods retain their tender, rich flavor until nearly ripe ; a good white shell bean for winter use. Pt. 30c., qt. 55c. 10

Kentucky Wonder, a very prolific sort, bearing its pods in large clusters ; pods green, often reaching nine or ten inches, nearly round when young, and very crisp. Pt. 30c., qt. 55c. 10

Southern Prolific, a very prolific sort, popular in the South and good anywhere ; pods green, cylindrical, long, fleshy, crisp and excellent, Pt. 25c., qt. 55c. 10

London Horticultural, or Speckled Cranberry, productive ; excellent string or shell bean ; seeds large, round, speckled. Pt. 25c. 10

Kentucky Cut Short, or Corn Hill, very popular in the South

and with farmers for planting among corn ; pods round, short and tender ; seed white, with reddish dots ; will thrive without poles. Pt. 25c. 10

German Black Wax, same characteristics as the Dwarf Wax or Butter Bean before mentioned, with the exception of its running habit. Pt. 25c. 10

White Dutch Runner, chiefly grown for its beauty ; pods large. Pt. 25c. 10

Scarlet Runner, an ornamental, useful vegetable. It grows to the height of ten feet, producing dazzling scarlet flowers. Pt. 25c. 10

BRUSSELS SPROUTS.

German, *Kopfschl Gräuer*. French, *Chou de Bruxelles*.

This vegetable is a member of the Cabbage family, the stalks growing two or three feet in height, and are literally covered with small heads or sprouts, which are the parts used, and are equal in tenderness and flavor to Cauliflower or Brocoli. The leaves, which look like the Savoy, should be broken down in the fall, to give the little heads room to grow. Culture same as Cabbage. Pkt. Cts.

Brussels Sprouts, tall, extra selected stock. Oz. 15c. 5
 “ “ dwarf improved; extra fine. Oz. 15c. 5

BROCOLI.

German, *Broccoli*, *Spargel Kohl*. French, *Chou Brocoli*.

This vegetable is closely allied to Cauliflower, there being but little difference; it is more hardy and somewhat coarser in appearance and flavor. Sow seed early in spring in a hot-bed, or later in a sheltered place; when the plants are up two inches, transplant to two feet apart in fine rich soil and treat as Cauliflower. Pkt. Cts.

Early Purple Cape, one of the most certain to form a good head. Oz. 30.... 5
Early White Cape, creamy white; one of the best to head. Oz. 30..... 5

BEET.

German, *Runkel-Rübe*. French, *Betterave*.

Young beets are highly prized for greens, and may be used as such until large enough to slice up. For winter use, secure before hard frosts, cut the tops off and pack in a cool, dry cellar, in sand or fine earth. Seed may be sown in spring, as soon as the ground will work mellow; or for winter use as late as the first of July, in drills two inches deep and eighteen inches apart; drop the seed one inch apart in the rows, and press the earth evenly over them; when well up, hoe and thin to six inches apart. Those thinned out may be used for greens, as above stated. The seed will germinate more freely if soaked in warm water for 24 hours before sowing. A deep, rich soil is most suitable for beets. Four pounds of seed is required to sow an acre, and one ounce will sow from 75 to 100 feet of drill. Pkt. Cts.

Crosby's Egyptian, the earliest beet in the market. A selection from that old market beet, **Early Egyptian**, which retains the earliness of the parent stock,

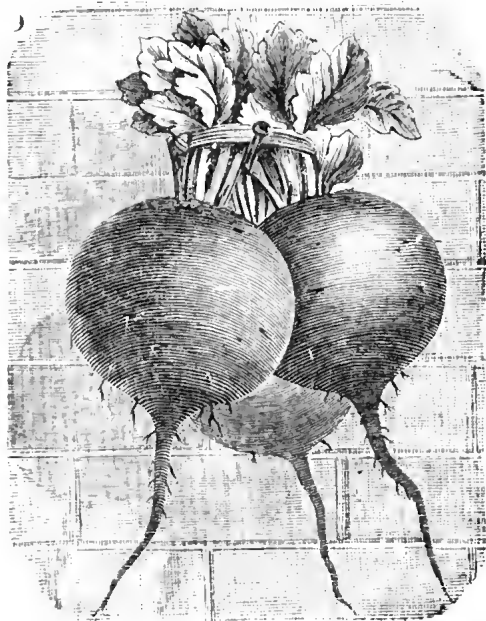
and has added thickness, giving it a more desirable shape; it is the deepest red, almost black, in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smooth. The most desirable sort for small beets for early market. Lb. \$1.00, oz. 15c.... 5

Dark Red Egyptian, short-topped, turnip-shape, with dark rough skin; flesh of deep blood-red color; crisp and sugary: a standard sort. Lb. 60c., oz. 10c. 5

Eclipse, very popular among gardeners for bunching; tops short, roots round, flesh dark red, sweet and tender; very early. Lb. 60c., oz. 10c. 5

Bastian's Early Blood Turnip, very early, quick grower; color bright red; a decided favorite for family use. Lb. 50c., oz. 10c. 5

Lentz's Early Blood Turnip, nearly as early as Egyptian, but larger and of better quality; fine dark red, tender and sweet. Lb. 50c., oz. 10c.



ECLIPSE BEET.

	Pkt.	Cts.
Extra Early Bassano , a very early variety; tender and uicy; flesh white and rose; grows to good size. Lb. 50c., oz. 10c.....	5	
Early Blood Turnip , color deep blood red; smooth, tender and good; about ten days later than the Bassano. Lb. 50c., oz. 10c.....	5	
Dewing's Early Blood Turnip , very handsome beet; of uniformly good size, and plentifully produced; flesh tender and delicate, and of rich color; skin very smooth; a trifle earlier than Blood Turnip. Lb. 50c., oz. 10c.....	5	
Edmond's Early Blood Turnip , a market gardener's strain; very regular in shape; deep blood skin and very dark flesh. Lb. 60c., oz. 10c.....	5	
Long Dark Blood , a long, smooth, winter variety, growing half out of the ground; color dark blood red; sweet, tender, and keeps well, and is considered the best for winter use. Lb. 50c., oz. 10c.....	5	
Swiss Chard, or Silver Beet , cultivated for its leaf stalks, which are served like asparagus, and for the leaves cooked as spinach. If cut often new stalks will be produced. Lb. 50c. oz. 10c.....	5	
Swiss Chard, Large Ribbed Searlet Chilian , Lb. 90c., oz. 10c.....	5	
Swiss Chard, Large Ribbed Yellow Chilian , Lb. 90c., oz. 10c.....	5	
White French Sugar , attains a large size; roots half long; flesh white; fine for stock. Lb. 40c., oz. 10c..	5	
Lane's Imperial White Sugar , a very sweet variety; said to contain a greater percentage of sugar than any other variety. Lb. 40c., oz. 10c. ...	5	

MANGEL WURTZEL.

Four lbs. or over, by Express, deduct 10c. lb.

	Pkt.	Cts.
Carter's Mammoth Long Red , of large size, good quality and great weight; good for stock feeding. Lb. 40c., oz. 10c.....	5	
Norbiton Giant , a very superior large long red variety. Lb. 40c., oz. 10c.....	5	
Prize Orange Globe , the best round Mangel grown. Lb. 40c., oz. 10c.....	5	
Yellow Ovoid , intermediate in shape between the long and globe varieties; a valuable sort, and becoming more popular each year. Lb. 40c., oz. 10c.	5	
Red Ovoid , similar to above except in color. Lb. 40c., oz. 10c..	5	
Golden Tankard , also intermediate in shape, and greatly prized for feeding, owing to its nutritious qualities; sheep have a clear preference for it above all other Mangels; a great milk producer; color golden yellow, inside and out. Lb. 40c., oz. 10c....	5	

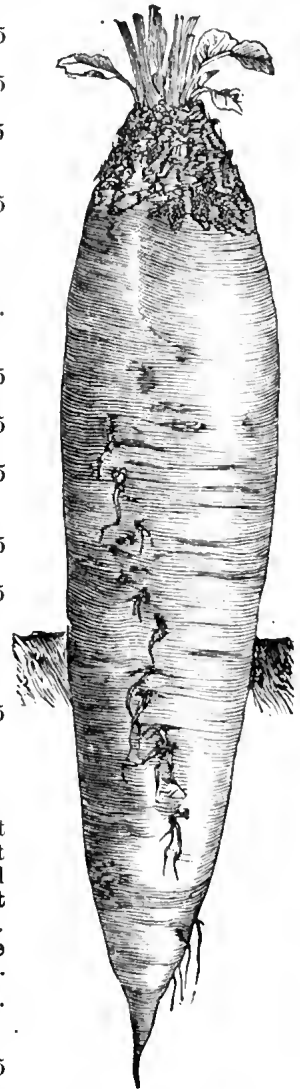
BORECOLE, OR KALE.

German, Blätter-Kohl. French, Chou Vert.

A variety of the Cabbage family which does not form heads. When used, the crown or center of the plant is cut off so as to include the leaves, which do not exceed nine inches in length. It boils well, and is tender, sweet and delicate, providing it has been duly exposed to frost. Fine for garnishing. The seed may be sown in the middle of April in rich soil; plant out in June, and treat as cabbage.

	Pkt.	Cts.
Borecole, Green Curled Scotch , of a dwarfish habit, leaves bright green and finely curled. Lb. 90c., oz. 10c.....	5	
Dwarf Purple Curled , a hardy plant, presenting a mass of large, finely frilled leaves of excellent quality. Lb. \$1.25, oz. 15c.....	5	

Tall Green Moss Curled, has an abundance of dark green curled leaves. Grows about two feet high and stands winter well. Lb. 80c., oz. 10c..... 5



MANGEL WURTZEL.
MAMMOTH LONG RED.

CAULIFLOWER.

German, Blumen-Kohl. French, Choufleur.

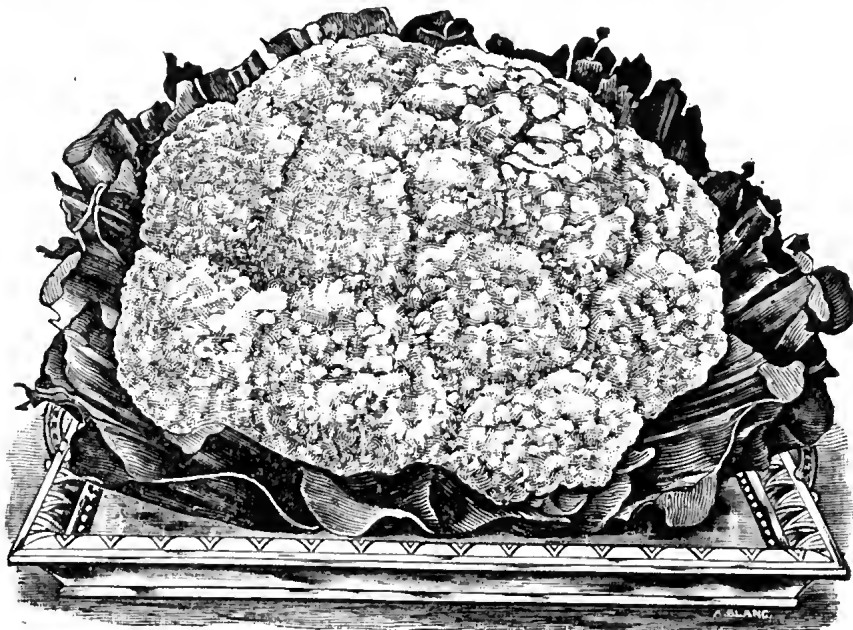
This delicious and valuable member of the Cabbage family cannot be too highly recommended. Any soil that will grow good cabbage will grow cauliflower, as their requirements are very much the same. For early use the seed is sown during September, and in the course of four or five weeks the plants are transplanted into frames to be kept over winter, or seed may be sown early in spring in a hot-bed, or in the garden on a finely-raked and well-enriched bed. When plants are of sufficient size, transplant to two and one-half feet apart each way, and treat as cabbage. It is used in various ways, and also makes fine pickles, and should be grown in every garden.

Pkt. Cts.

Erfurt Earliest Dwarf, the earliest variety grown and surest to head; dwarf, with pure white curd. Oz. \$2.50, $\frac{1}{2}$ oz. \$1.25.....15

Early Paris, early, large and fine; short stalks; sure to head. Oz. 70c., $\frac{1}{2}$ oz. 40c. 5

Early Snowball, considered by gardeners to be one of the best for forcing and wintering over, as well as an early variety; a sure header and a week earlier than any other sort; the Snowball, owing to the shortness of its outer leaves, can be set about twenty inches apart; oz. \$3.00, $\frac{1}{2}$ oz. \$1.50.....20



CAULIFLOWER—EARLY SNOWBALL.

Half-Early Paris, popular early, white sure heading variety; oz. 70c., $\frac{1}{2}$ oz. 40c. 5

Early London, fine white head, very compact, popular; oz. 60c.; $\frac{1}{2}$ oz. 35c.... 5

Lenormand's Short Stemmed, one of the largest and best; oz. 75c., $\frac{1}{2}$ oz. 40c. 5

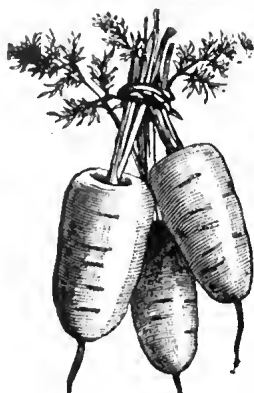
Veitch's Autumn Giant, heads large, firm, white and compact, and being protected by the foliage, remains longer fit for use than any other sort; oz. 60c. 5

Large Algiers, a very popular late sort, sure to head, and of the best quality; in favor with market gardeners; oz. 75c., $\frac{1}{2}$ oz. 40c..... 5

CARROT.

German, Möhre. French, Carotte.

The Carrot, like many other root crops, delights in a sandy loam, deeply tilled. Seed should be sown early in spring, as soon as the ground is in working condition, in drills twelve to fifteen inches apart, thinning plants to about three or four inches in the row. Keep clean by frequent hoeing and weeding, for if neglected the young plants are easily smothered and the crop is lost. The Short Horn may be allowed to grow more closely, as the roots are small and short. To preserve roots for table use, they should be buried in sand, in the cellar. Three pounds of seed is the usual prescribed quantity per acre, and should be sown with a seed drill.



EARLY SCARLET
SHORT HORN.

Large Orange Belgian, similar to above except in color; lb. 60c., oz. 10c... 5

- | | Pkt | Cts. |
|---|-----|------|
| Early Scarlet Short Horn , roots small, best for table, very solid; lb. 80c., oz. 10c..... | 5 | |
| Oxheart or Guerande , intermediate between Half Long and Horn varieties; shape nearly oval, and the color and quality all that can be desired; lb. 90c., oz. 10c | 5 | |
| Early Half-Long Scarlet Nantes (Stump rooted), larger than Short Horn, and a desirable table variety; lb. 65c., oz. 10c..... | 5 | |
| Chantenay Half-Long Scarlet , a stump-rooted variety resembling the Nantes, but having a larger shoulder and being much more productive; lb. 75c., oz. 10c..... | 5 | |
| Danvers Orange , intermediate between the short and long varieties; flesh deep orange, sweet and tender; very productive; lb. 75c., oz. 10c..... | 5 | |
| Long Orange , popular field variety; excellent for table or stock; lb. 75c., oz. 10c..... | 5 | |
| Long White Belgian , very productive; best for stock feeding; lb. 50c., oz. 10c..... | 5 | |

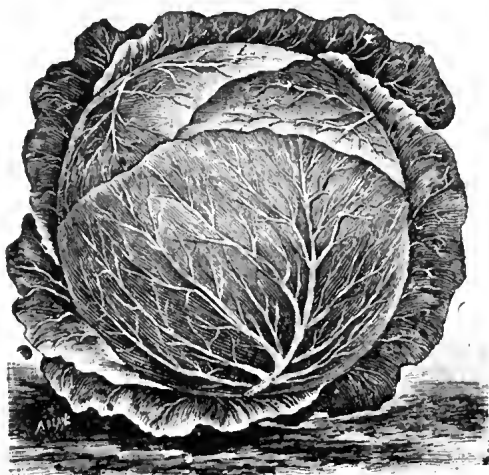
CABBAGE.

German, Kopfs-fohl. French, *Chou Pomme*.

Our collection embraces the best and finest varieties for early fall and winter use. This valuable vegetable requires a deep, rich, mellow soil, in order to obtain fine solid heads. For early use the plants should be started in a hot-bed or cold-frame; for very early use the seed should be sown in September in a cold frame, and protected through the winter by covering the frames; give plenty of air, and plant out as early in spring as possible. For fall and winter use, the seed should be sown early in spring, on a finely raked and well-enriched seed bed. When the plants are of sufficient size transplant EARLY varieties from one and one-half to two feet apart each way, and the LATER sorts from two and one-half to three feet apart, distance varying according to size and variety; hoe often. The main crop may be kept out of doors, set closely in a trench, with heads down, covered with straw and banked up with fine earth.



EARLY WAKEFIELD CABBAGE.



SURE HEAD CABBAGE.

- | | |
|--|---|
| Early Flat Dutch , a standard second early market variety; lb. \$1.75, oz. 20c. | |
| All Head Early , a new variety, in which the plants are more compact, the leaf smoother and thicker and the heads rounder, harder and more uniform in shape than the Early Summer; lb. \$2.50, oz. 25c..... | 5 |

- | | Pkt | Cts. |
|--|-----|------|
| Early York , very early, small, good; lb. \$1.25, oz. 15c..... | 5 | |
| Early Wakefield , very early and sure to head, and a great favorite with market gardeners; lb. \$2.50, oz. 25c., $\frac{1}{2}$ oz. 15c | 5 | |
| Large or Charleston Wakefield , a selection from the Early Jersey Wakefield. Is about a week later than that variety, but grows larger; a sure header; lb. \$3.00, oz. 30c... | 5 | |
| Early Winnigstadt , a very fine solid variety; one of the best for summer, and is excellent for fall and winter, if sown late; lb. \$1.75, oz. 15c..... | 5 | |
| Early Etampes or Express , very similar to the Early Wakefield, but earlier; heads hard, solid and pointed; medium size and fine quality; lb. \$1.50, oz. 15c. | 5 | |

Pkt. Cts.

Henderson's Early Summer, large, handsome heads, the earliest large-heading cabbage, keeps a long time without bursting; lb. \$1.75, oz. 20c.... 5

All Seasons, superior sure-heading variety. May be planted early or late, as it forms large and very solid heads quickly; lb. \$2.00, oz. 20c..... 5

Filderkraut, a German variety of good quality, with large, conical, solid heads, terminating in a peak; desirable for fall and winter use. Lb. \$2.00, oz. 20..... 5

Premium Flat Dutch, excellent fall and winter sort, resembling



PREMIUM FLAT DUTCH.

the Drumhead, but with shorter stalk; lb. \$1.75, oz. 20c..... 5

Large Late Drumhead, a very superior fall and winter variety; heads large, solid and slightly flattened; a standard sort; lb. \$1.75, oz. 20c..... 5

Fottler's Improved Brunswick Drumhead, a rapid grower and uniformly productive of large, handsome, solid heads on short stems, with few outside leaves; lb. \$1.75, oz. 20c..... 5

Louisville Drumhead, very popular with market gardeners; heads large, solid and uniform in size; second early; lb. \$2.00, oz. 20c..... 5

The Lupton, matures a week earlier than the Late Flat Dutch, head thick, flat and of uniform size, an excellent keeper; lb. \$2.50, oz. 35c..... 10

Improved Danish Ballhead Winter, the favorite Cabbage of Denmark, and shipped in immense quantities to London and other large cities, where it commands a high price. In season about the same time as Fottler's Brunswick; heads globular in shape, of medium size, and remarkably hard and heavy; lb. \$5.00, oz. 50c., $\frac{1}{2}$ oz. 30c..... 10

Stone Mason Marblehead, a large, solid, free heading fall and winter variety of exceedingly fine flavor; lb. \$2.00, oz. 20c..... 5

Marblehead Mammoth, an excellent winter variety; with good cultivation and rich soil will produce heads of enormous weight; lb. \$2.00, oz. 20c..... 5

Sure Head, similar to Fottler's Brunswick; heads very uniform, with few loose leaves; lb. \$2.00, oz. 20c... 5

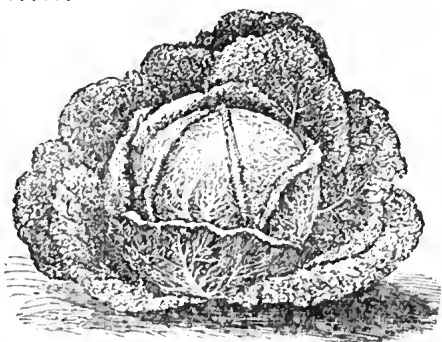
Succession, ten days later than Early Summer, with much larger and heavier heads; lb. \$1.75, oz. 20c... 5

Drumhead Savoy, a very large-headed variety; of excellent flavor; heads nearly round, a little flattened on the top; late; lb. \$1.50, oz. 15c..... 5

Green Globe Savoy, very sweet and tender; leaves wrinkled, dark green. Much esteemed for family use; lb. \$1.50, oz. 15c..... 5

Green Glazed, a standard late variety in the South, as it is not affected by the heat. Heads large, but rather loose and open; lb. \$1.75, oz. 20c..... 5

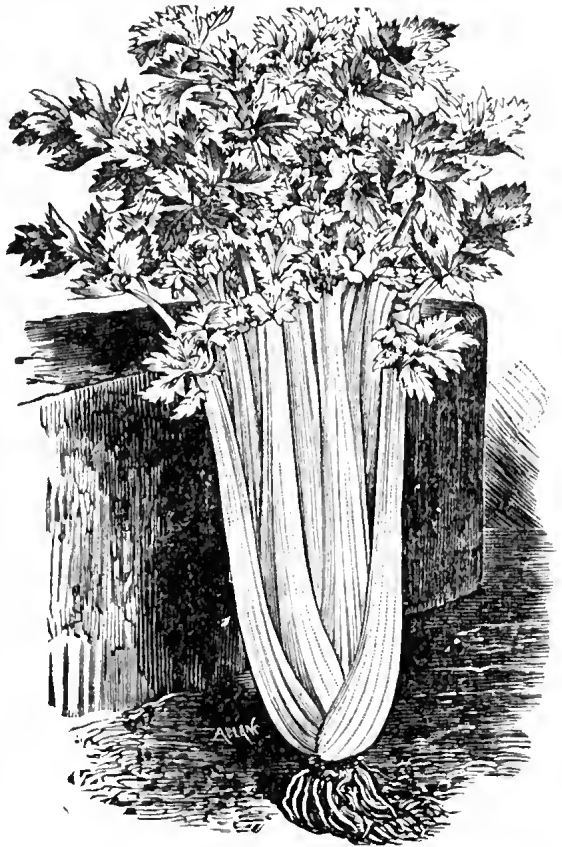
Red Dutch, a well known variety; heads round and solid; fine for winter salad and pickling; lb. \$1.75, oz. 20c..... 5



DRUMHEAD SAVOY.

CELERY.German, *Cellerie*. French, *Celeri*.

This is undoubtedly the leading, if not the best of salad plants. To obtain good celery it is very necessary that the plants be of strong growth. Seed may be sown in a hot-bed or very early in the open border. Care should be taken to keep the soil moist and shaded from the hot sun at the time of the plants making their appearance. When the plants are about three inches high, transplant to four or five inches apart on a well prepared bed of rich soil, well pulverized. When about eight inches high, transplant into rows or trenches any time from the middle of June to the first of August, but the time we would advise is about the first of July. The trenches should be dug about one foot in depth and well pulverized and enriched in the bottom with rotten manure. Before transplanting clip off the tops and all straggling leaves so as to induce a stocky growth; plants thus treated suffer less on being transplanted. To blanch or whiten, draw up earth against the plants from time to time, keeping the leaf stalks in a compact position, so that the earth cannot get between them; this is done during September and October. Take up plants late in the fall, and remove to the cellar and cover with sand or earth for future use.



GOLDEN SELF-BLANCHING CELERY. Pkt. Cts.

- New Golden Self-Blanching**, waxy golden color, very solid and of a rich nutty flavor; does not require much banking up; a general favorite; oz. 30c 5
- New White Plume** (Self-Bleaching), like the above, requires little banking; in fact it may be blanched by simply tying the stalks together when well grown; crisp, solid and equal to the best in flavor; oz. 20c..... 5
- Pink Plume**, similar to the White Plume, except in color, which is light pink. Flavor delicious, crisp and nutty; solid and a long keeper; oz. \$1.00..... 10
- Giant Paschal**, selected from New Paris Golden; of the same fine, nutty flavor, but much larger and better keeper; oz. 20c. 5
- Perfection Heartwell**, a little later than Half Dwarf; has fine large golden yellow heart; one of the best for winter use; oz. 20c..... 5
- Half-Dwarf White**, has more vigor of growth than the Dwarfs, but retains the qualities of fine flavor and solidity; bunches weigh heavier than those of most other sorts. Oz. 20c..... 5
- Sandringham Dwarf White**, popular in Europe as well as a great favorite in this country. Very solid, crisp and of exceedingly fine flavor. Oz. 20c... 5
- Golden Heart, or Golden Dwarf "American,"** very showy and desirable; has all the sterling qualities; an excellent keeper. Oz. 20c..... 5
- Boston Market**, short, somewhat branching, compact and solid; very popular in the vicinity of Boston. Oz. 20c..... 5
- New Rose**, the finest of its class; color beautiful rose; of fine flavor, solid, crisp and free from stringiness. Oz. 25c... 5
- Major Clark's Pink**, a red variety, rather harder than any of the whites; medium growth, with rich walnut flavor. Oz. 25c..... 5
- Turnip-Rooted (Celeriac) Large Smooth Prague**, forms turnip shaped bulbs of celery flavor. Oz. 20c..... 5
- Seed for Flavoring.** Excellent for flavoring pickles, etc. Lb. 30c.

CORN.

German, Weisshorn. French, *Mais*.

The varieties of sweet corn we offer below are the finest grown, and we are very positive embrace everything from the very EARLIEST to the LATEST. We have taken several first premiums at the late State Fairs for the best specimens of corn, both EARLY and LATE varieties. It is unnecessary to give mode of cultivation, etc., as it is so universally known by everyone.

Prices by the bushel will be found in back part of Catalogue. Pkt. Cts.

First of All, somewhat earlier than

Early Cory, with ears about the same size; a little lighter in color. Qt. 35c., pt. 20c. 10

Early Cory, a very early variety; a great market corn on account of its very early maturity. Qt. 35c., pt. 20c. 10

White Cob Cory, same as above, but with white cob and kernels. Qt. 35c., pt. 20c. 10

Early Marblehead, earliest of all except the Cory. Qt. 35c., pt. 20c. 10

Extra Early Adams, not strictly speaking a Sweet Corn, although sold largely for table use; very early. Qt. 35c., pt. 20c. 10

Early Minnesota, this we claim is one of the best very early Sweet Corns we have ever tried; plant dwarf, ears short, but fine and of excellent quality; cob white; very desirable. Qt. 35c., pt. 20c. 10

Perry's Hybrid, or Ballard, a little later than Early Minnesota, but with much larger ears; 12 rowed; cob red. Qt. 35c., pt. 20c. 10

Crosby's Early, a very desirable early variety for marketing and private gardens generally. Qt. 35c., pt. 20c. 10

Early Eight-Rowed Sweet or Sugar, an old standard sort, becoming fit for use about the same time as Crosby's Early. Qt. 35c., pt. 20c. 10

Crosmann's Genesee Sweet, the finest table corn in cultivation; very prolific; ears very large, tender and juicy. Qt. 35c., pt. 20c. 10

Pec and Kay, a popular variety; ears very large for so early a corn; 10 or 12-rowed. Qt. 35c., pt. 20c. 10

Shaker's Early, matures about the same time as Early Minnesota, but has much larger ears; kernels large and of a pearly whiteness. Qt. 35c., pt. 20c. 10

Moore's Early Concord, a standard sort; ears large and well-filled; quite early and very productive. Qt. 35c., pt. 20c. 10

Potter's Excelsior, or Squantum, it ripens early, has large 12 rowed ears and deep grains; it is remarkably sweet, sugary, and peculiarly succulent and tender; it is a general favorite, and wonderfully productive. Qt. 35c., pt. 20c. 10

None-Such, new; a little later than Moore's Concord, with larger ears, 12 to 14-rowed; cob pink, kernels white. Qt. 35c., pt. 20c. 10



MOORE'S EARLY CONCORD.



EARLY CORY.



CROSBY'S EARLY.



EARLY MINNESOTA.



STOWELL'S
EVERGREEN.

20c..... 10

Parching Pearl, the well-known variety for popping. Qt. 35c., pt. 20c..... 10

FODDER CORNS.

Sweet Corn, (to sow for fodder.) We offer a good article for the purpose at \$1.50 per bushel. Two-bushel bags 20c. extra. Transportation to be paid by the purchaser.

Southern Fodder. Considered indispensable on every farm where it has been tried. Grown expressly for fodder and ensilage; so tender that stalks and leaves alike are ravenously devoured; grows from 12 to 15 feet in height; a mammoth yielder, often going forty tons to the acre. Its milk-producing qualities are wonderful. We defy competition in this variety, having made a specialty of it for years. \$1.00 per bushel. Bags 20c. extra. By freight or express at expense of purchaser. Use $1\frac{1}{2}$ bushels of seed to the acre.

Leaming Improved Ensilage. Another splendid variety, for which there is a large demand. Of vigorous growth, and a formidable rival of Southern Fodder. Price, \$1.00 per bushel. Bags 20c. extra. Freight or expressage paid by the purchaser. Plant $1\frac{1}{2}$ bushels seed on an acre.

Pkt. Cts.

Country Gentlemen, a most valuable second-early variety; ears medium size, cob small, kernels very deep and pearly white; very prolific; tender, and in delicious flavor has no equal. Qt. 35c., pt. 20c..... 10

Old Colony, an exceedingly sweet and productive variety; ears large, 16 to 20 irregular rows; grain long, cob white. Qt. 35c., pt. 20c..... 10

Black Mexican, kernels black and very sweet; desirable for the home garden; second early. Qt. 35c., pt. 20c..... 10

Hickox Improved, medium early; quite popular for canning. Qt. 35c., pt. 20c..... 10

Early Mammoth, the earliest of the large varieties. Qt. 35c., pt. 20c..... 10

Stowell's Evergreen, late, excellent, long keeper; ears large and very thick; should be grown in every garden for late use. Qt. 30c., pt. 15c..... 10

Egyptian, or Washington Market, a large, late corn, the favorite for canning, although sold extensively in the green state. Qt. 35c., pt. 20c..... 10

Large Late Mammoth, a vigorous, large, late variety. Qt. 35c., pt. 20c..... 10

Parching Rice, another sort for popping; kernels resemble rice. Qt. 35c., pt. 20c..... 10



SOUTHERN FODDER CORN.

Freight or expressage paid by the purchaser. Plant $1\frac{1}{2}$ bushels seed on an acre.

CORN SALAD. OR FETTICUS.

A nice salad, maturing in six to eight weeks. Sow in spring, in drills one foot apart. For early spring use sow in drills thickly, in September, and $\frac{1}{2}$ inch deep. Protect from cold with litter, and winter over like spinach. An ounce is sufficient for thirty-five feet of row. A rich soil is best.

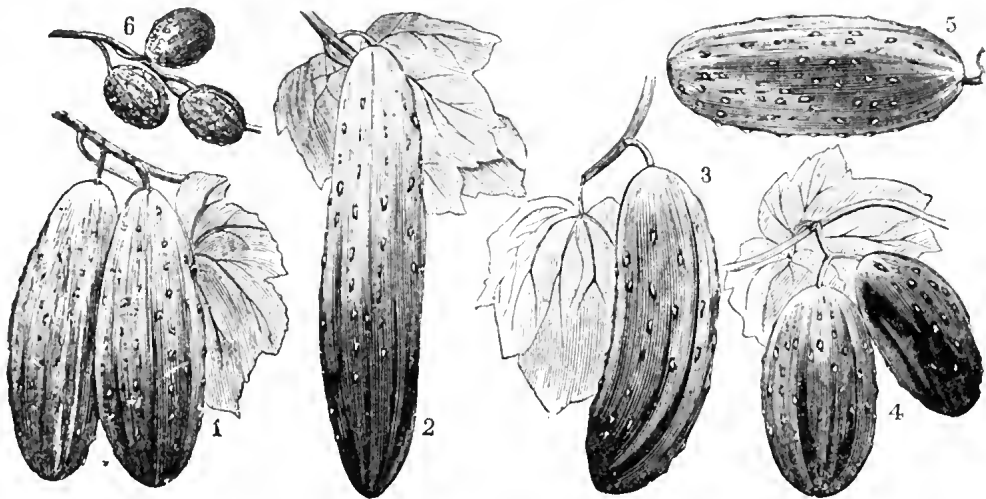
Pkt Cts.

Large Seeded (Large-leaved). Lb. 60c., oz. 10c..... 5
Improved Green Cabbaging. Lb. 70c., oz. 10c..... 5

CUCUMBER.

German, Gurken. French, Concombre.

The Cucumber is a very tender class of plant, and great care should be taken not to plant in the open ground until the soil becomes sufficiently warm. Plant in May or June, in a light rich soil, in hills four feet apart. Put eight or ten seeds in a hill, half an inch deep, and press the earth smoothly with the back of the hoe, and at the last hoeing leave three or four plants in a hill; when small sprinkle the vines when the dew is on, with plaster or air-slacked lime, to protect them from bugs. Two pounds of seed is sufficient for an acre—an ounce for eighty hills.



No. 1—EARLY GREEN CLUSTER. No. 3—EARLY FRAME. No. 5—EARLY WHITE SPINE.
 No. 2—LONG GREEN. No. 4—EARLY RUSSIAN. No. 6—GHERKIN, OR BURR.

Pkt. Cts.

Early Russian, small, very early; excellent for small pickles; lb. 60c., oz. 10c. 5
Early Green Cluster, the popular variety for pickling; lb. 50c., oz. 10c..... 5
Early Frame, a well-known standard Cucumber, of medium size and good flavor; fine for pickling; lb. 50c., oz. 10c..... 5
Early White Spine, excellent for table use; medium size and very productive; also, valuable as a pickling variety; lb. 50c., oz. 10c..... 5
Green Prolific, a great bearer and leads the list for pickles; lb. 50c., oz. 10c... 5
Boston Pickling, a favorite in the East; superior quality; lb. 50c., oz. 10c... 5
Nicol's Medium Green, straight and smooth; one of the best for forcing and for pickles; lb. 60c., oz. 10c..... 5
Chicago Pickling, medium length; pointed at each end, with very large and prominent spines; color deep green; lb. 60c., oz. 10c..... 5
Long Green, crisp and tender; fruit very long and of excellent quality; very productive; universally popular both for table and pickles; lb. 60c., oz. 10c.. 5
Gherkin, or Burr, used only for pickles; oz. 10c..... 5

English Frame Varieties.

The following are a few of the most desirable FOREIGN CUCUMBERS, bearing fruit of enormous size, differing in form a little, but having the same general appearance. They are cultivated in frames, under glass, or in green-houses, and also do well in the garden, if planted in a sheltered situation :

	Pkt.	Cts.
Duke of Edinburg , pure white, attractive.....	10	
Goliath , 20 to 25 inches long ; prolific.....	10	
Model (new) , worthy of a trial.....	10	
Rulisson's Telegraph , one of the best.....	10	
Giant of Arnstadt , 20 to 25 inches long ; snow white.....	10	
Glory of Erfurt , snow white, extra fine.....	10	



FINE CURLED CRESS.

CRESS, OR PEPPER GRASS.

German, *Streffe*. French, *Cresson*.

A very useful and healthful salad plant. Can be used alone or may be mixed with lettuce or other salads, for which it is prized; is also used for garnishing. Sow seed, rather thickly, in shallow drills one foot apart in the open ground. For a succession, sow at short intervals throughout the season.

	Pkt.	Cts.
Fine Curled , very superior ; may be cut often. Lb. 50c., oz. 10c....	5	
Water , does well in moist situations, but best on edges of streams in shallow water. Oz. 40c.....	5	

COLLARDS.

German, *Blätterfohl*. French, *Chou*.

A variety of cabbage known in different sections as "Cole" and "Colewort." It is extensively used in the South for "greens," where it continues in luxuriant growth all winter.

Georgia, Southern, or Creole, this is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast; forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing improves their quality. Sow thick in drills, in rich ground, transplanting when four inches high, or sow in drills where the plants are to remain, and thin to two or three feet apart in the row, when the proper size. In the South sow from January to May and August to October ; lb. 80c., oz. 10c..... 5

DANDELION.

German, *Pardebäume*. French, *Pisse-en-lit*.

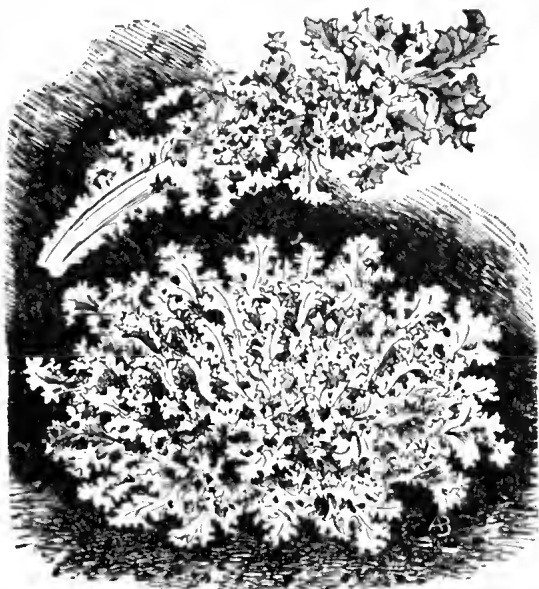
The Dandelion resembles Endive, and is sometimes cultivated for spring greens or for blanching for salad. The roots, when dried and roasted, are often employed as a substitute for coffee. Seed should be sown in May or June, in drills half an inch deep and twelve inches apart. Plants will be ready for use the following spring.

	Pkt.	Cts.
Common , oz. 25c.....	5	
Improved French , thick leaved; oz. 50c.....	5	

ENDIVE.

German, *Endivie*. French, *Ch corce*.

Endive is one of the best salads for fall and winter use. Sow, for an early supply, about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way, in August and September. It requires no special soil or manure, and after planting is kept clean of weeds until the plant has attained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form with hass matting. This excludes the light and air from the inner leaves, which in the course of three to six weeks, according to the temperature at the time, become blanched. Another and simpler method consists in covering up the plants, as they grow, with slats or boards, which serves the same purpose, by excluding the light, as the tying up.



ENDIVE, WHITE CURLED. Pkt. Cts.

- Moss Curled**, a beautiful curled variety of fine quality; oz. 20c..... 5
White Curled, fine for table use when young; pale green in color; oz. 15c.... 5
Green Curled, winter, popular both as a salad and for garnishing; oz. 15c... 5
Broad-Leaved Green Batavian (*Escarolle*), has broad, thick, plain or slightly wrinkled leaves, forming large heads; oz. 15c..... 5
Broad-Leaved White, or Lettuce Leaved, similar to above, except in color; oz. 15c..... 5

EGG PLANT.

German, *Eierpflanze*. French, *Aubergine*.

The Egg Plant is extremely tender and requires starting in a hot-bed quite early in order to have the fruit mature before frost. The fruit is served in various ways, but the most common is to cut in slices, soak for an hour in salt water, and then fry in butter. It is yearly more generally cultivated. Sow early in hot-bed, or in a box in the house; when the plants are three or four inches high, transplant to two feet apart in very rich, warm, dry soil.

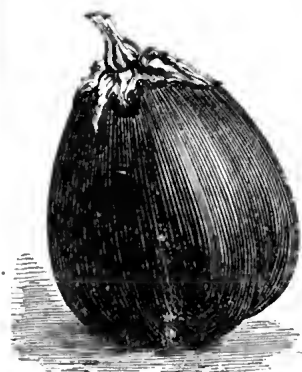
Pkt. Cts.

- Improved New York Purple**, extra large and productive. Oz. 40c..... 5
Early Long Purple, productive; 8 to 12 inches in length. Oz. 15c.... 5
White, of an ivory whiteness. Oz. 50c..... 5
Black Pekin, round and jet black, very solid, and matures early. Makes a fine contrast with the white. Oz. 40c..... 5

GARLIC.

German, *Knoblauch*.

The Garlic belongs to the Onion family and is much in favor with German people, especially for flavoring soups and meats. Should be planted early in spring in a light rich soil, in rows one foot apart and from three to five inches apart in the row. Cover two inches deep. Treat as onions. We furnish the bulbs only, each of which includes several germs, which should be planted separately. One pound will plant about ten feet of row. Garlic bulbs, per lb. 40c., $\frac{1}{2}$ lb. 15c.



IMPROVED N. Y. PURPLE.



EARLY WHITE
VIENNA.

Large Late Green, an excellent sort for stock. Lb. \$1.25,
oz. 15c..... 5

KALE--[See Borecole.]

KOHL-RABI.

German, Kohlrabi. French, Chou-rave.

Often called "Over-Ground Turnip"; the stem just above the ground swells, forming a bulb similar to a turnip. The bulbs are served like turnips, and are very tender and delicate when young, possessing the flavor of both turnip and cabbage to a certain extent; when fully matured are excellent for stock. Sow seed in May or June in drills, like turnip seed, or transplant like cabbage. To preserve for winter, treat same as turnips.

Early White Vienna, tender; best
for table use. Lb. \$2.00, oz. 20c..... 5

Early Purple Vienna, tender; fine
for table. Lb. \$2.00, oz. 20c..... 5



MUSSELBURGH
LEEK.

LEEK.

German, Saudj. French, Poireau.

The Leek is a vegetable somewhat like the onion, but does not form a bulb; is quite hardy, and is highly prized for soups. Seed may be sown in April, in rows one foot apart; when well up, thin or transplant to eight inches in the row; on the approach of severe weather remove to a cool, dry cellar for winter use. The leek requires a deep, rich soil.

London Flag. Lb. \$1.25, oz. 15c... .. 5

Musselburgh, large and fine; mild; good quality. Lb. \$1.75, oz. 20c.... .. 5

Carentan, fine extra large winter variety. Lb. \$1.75, oz. 20c.... .. 5



CROSMAN'S IMPROVED.

LETTUCE.

German, Kopf-Salat. French, Laitue.

Lettuce makes a very appetizing salad, and its cultivation is universal by all classes. It is divided into two classes, viz: *Cabbage Lettuce* and *Cos Lettuce*—the former having round heads and broad spread leaves, and the latter long heads and upright, narrow leaves. Sow seed early in drills, or later for a succession, on a well-enriched bed, finely raked. When well up, thin to 12 or 15 inches in the row.

CABBAGE LETTUCE.

Pkt. Cts.

Crosman's Improved, fine, extremely large and solid heads, measuring from 15 to 18 inches across; very tender, and remains fit for table use throughout the season. Lb. \$1.00, oz. 15c..... 5

Grand Rapids Forcing, heads loose, leaves crinkled and frilled, thin, but of upright growth; crisp and tender; little liable to rot, and will bear forcing better than any other variety. Lb. \$1.25, oz. 15c..... 5

"Big Boston." This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is double the size. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A most desirable variety either for forcing in cold frames or open ground planting. Heads up well at all seasons of the year, and is of crisp, tender quality. Lb. \$1.25, oz. 15c..... 5

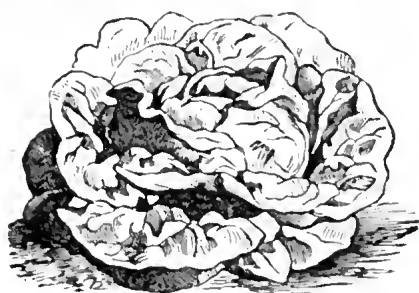
Denver Market, an early variety for forcing or open ground. Large, solid heads; the leaves are beautifully marked and blistered; very crisp and tender. Lb. \$1.00, oz. 15c..... 5

Crosman's New Golden King, plants medium size, with numerous round, smooth leaves, which are of a beautiful yellow color, and very sweet and tender. They form medium-size solid heads which, when prepared for table, are exceedingly attractive in appearance. Lb. \$1.50, oz. 15c..... 5

Salamander Head, fine, compact heads, which resist the summer heat admirably; is very popular in some sections. Lb. \$1.00, oz. 10c..... 5

Black Seeded Simpson, heads large, loose; leaves thin, ruffled and blistered, very tender; fine for forcing or out-door culture. Lb. \$1.00, oz. 15c..... 5

Early Curled Simpson, (white seeded), very



CROSMAN'S NEW GOLDEN KING.

Pkt. Cts.

early curled variety; excellent for forcing; largely grown by market gardeners. Lb. \$1.00, oz. 10c..... 5

Early Tennis Ball, (white seeded), a fine early lettuce; hardy, with small heads. Lb. \$1.00, oz. 15c..... 5

Boston Market, heads fair sized, compact; one of the best early sorts for out-door use. Lb. \$1, oz. 15c..... 5

All the Year Round, a compact grower, with small, close heads; deep green; very crisp and tender; if sown in succession it will provide lettuce "all



EARLY CURLED SIMPSON.

the year round." Lb. \$1.00, oz. 15c..... 5

Buttercup, a charming new yellow variety; medium size, leaves numerous, round and smooth, of a beautiful yellow; does not go to seed until very late. Give it a trial. Lb. \$1.00, oz. 15c..... 5

Early White Cabbage, very tender; large-sized heads. Lb. \$1.00, oz. 10c... 5

Deacon, large, solid heads; leaves thick, tender and crisp; withstands summer heat well. Lb. \$1.00, oz. 15c..... 5

Early Prize Head, produces mammoth heads, which remain crisp and tender the entire season. Lb. \$1.00, oz. 10c..... 5

Eureka. Introduced by us. Handsomely tinged with red, and possesses every desirable feature of a head lettuce. Lb. \$1.25, oz. 15c..... 5

Hanson, large, green heads with white heart; best quality, Lb. \$1.00, oz. 10c. 5

Large India, immense solid heads; withstands intense summer heat better than most kinds do. Lb. \$1 00, oz. 10c..... 5

Henderson's New York, heads large and almost as solid as cabbage; free from any bitterness, and a late seeder. Lb. \$1 00, oz. 15c..... 5

American Gathering, or Curled, a distinct and interesting sort; exceedingly tender and of fine flavor; fit for use from spring until autumn; delicate, crisp light-green leaves edged with violet. Lb. \$1.00, oz. 15c..... 5

COS LETTUCE.

Giant White Cos, a large and tender variety. Oz. 15c..... 5

Paris White Cos, one of the best; tender and good. Oz. 15c.... 5

MARTYNIA.

German, *Marthuite*. French, *Martynie*.

A hardy plant of vigorous growth, the pods or fruit of which, while young and tender, are used for pickling. Sow seed in the open ground, in April or May, where the plants are to remain. Plants should stand two feet apart each way.

Martynia proboscidea. Oz. 25c..... 5

MELON.German, *Melonen*. French, *Melon*.

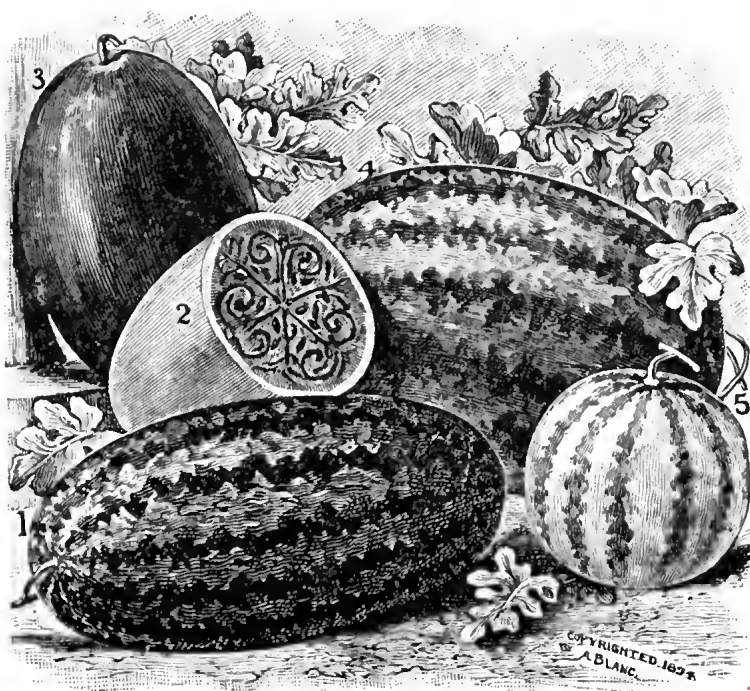
A rich loamy soil is most desirable for Melons. The seed should be planted in hills five or six feet apart each way, thoroughly mixing with the soil in each hill a couple of shovelfuls of thoroughly rotted manure, which will produce a strong and healthy growth. Plant when the earth becomes warm in as warm a situation as can be found. Put six or eight seeds in each hill, and cultivate as for cucumbers.

MELON, MUSK.German, *Muskat-Melone*. French, *Melon*.

	Pkt.	Cts.
Golden Netted Gem , small and very early; flesh light green and of exquisite flavor; one of the best early kinds; lb. 75c., oz. 10c.....	4	
Jenny Lind , very early; fine quality; fruit small; flesh green; lb. 60c., oz. 10c.75		
Early Prolific Nutmeg , excellent, hardy and prolific; fruit medium size, roundish, netted; flesh thick, green and of excellent flavor; lb. 60c., oz. 10c..	5	
Chicago Market , early, large, thickly netted; flesh thick, deep green, juicy and delicious; lb. 60c., oz. 10c.....	5	
Green Nutmeg , fruit medium size, round; green flesh and of fine flavor; lb. 60c., oz. 10c.....	5	
Green Citron , medium size, netted; flesh green; lb. 60c., oz. 10c.....	5	
Early Christiana , a very early variety of peculiar flavor; flesh orange; lb. 60c., oz. 10c.....	5	
Miller's Cream , excellent; flesh rich salmon, very thick, sweet and rich; rind thin and finely netted; vigorous and productive; lb. 60c., oz. 10c.....	5	
Surprise , an early and delicious variety, with thin, cream colored skin, and thick, salmon-colored flesh; lb. 60c., oz. 10c.....	5	
Baltimore or Acme , fruit medium size, oval, slightly pointed at stem end, slightly ribbed, covered when ripe with coarse netting; flesh thick green, very fine flavored and sweet. We think this one of the most uniformly good melons we have on our list; lb. 60c., oz. 10c.....	5	
The Banquet , beautifully netted, medium sized; flesh rich salmon; fine quality; lb. 75c., oz. 10c.....	5	
Delmonico , oval, deeply netted, large size; orange flesh; lb. 75c., oz. 10c.....	5	
Hackensack , the great market melon; large, sweet, productive and early; skin and flesh green; skin thickly netted; lb. 60c., oz. 10c.....	5	
Extra Early Hackensack , ten days earlier than the Hackensack, and similar to it except that the fruit is a trifle smaller; lb. 75c., oz. 10c.....	5	
Montreal Market , another counterpart of the Hackensack, and possessing all the good qualities of that famous melon; lb. 60c., oz. 10c.....	5	
Pine Apple , sweet and juicy; dark green, netted; lb. 60c., oz. 10c.....	5	
Cabasa , oblong, large, excellent; flesh yellowish green, netted; lb. 60c., oz. 10c..	5	
Bay View , noted for its large size; flesh green and sweet; prolific; specimens often reach 20 pounds in weight; lb. 60c., oz. 10c.....	5	
Banana , a long slender variety, with salmon flesh; lb. 75c., oz. 10c.....	5	

MELON, WATER.

German, *Raffer-Melone*. French, *Melon d'Eau*.



	Pkt.	Cts.
Cole's Early , is very early, vigorous, and a good yielder ; fruit round, of medium size ; flesh deep red ; lb. 80c., oz. 10c.	5	
Sweetheart , vine vigorous and productive; fruit large, oval, and a good keeper; flesh bright red; lb. 80c., oz. 10c.	5	
Hungarian Honey , a very early sort from Hungary. Fine for northern latitudes ; perfectly round ; flesh brilliant red ; seeds very small; lb. 60c., oz. 10c.	5	
Seminole , extra early, enormously productive, extra large, and of delicious flavor. It is of two distinct colors, gray and light green, the gray color predominates, both colors are found on the same vine ; lb. 60c., oz. 10c.	5	
Mountain Sweet , a standard market sort; skin marble green ; flesh scarlet, sweet and delicious ; early and hardy; lb. 50c., oz. 10c.	5	
Phinney's Early , early, thin rind, of delicious flavor ; flesh bright red ; very productive and an excellent keeper ; lb. 50c., oz. 10c.	5	
Ice Cream, White Seeded, or "Peerless," a fine table kind; early medium size; lb. 50c., oz. 10c.	5	
Florida Favorite , a remarkably heavy yielder; mammoth size and fine for the table ; ten days earlier than Kolb's Gem or Iron Clad ; lb. 60c., oz. 10c.	5	
Girardeau's New Favorite , an improvement on the Florida Favorite; somewhat larger in size and possessing all the prized qualities of that celebrated sort ; good specimens go 60 pounds and over ; lb. 60c., oz. 10c.	5	
Kolb's Gem , large, round ; flesh bright red, of good flavor; fine for shipping, as it retains its freshness for a long time; early; lb. 50c., oz. 10c.	5	
Georgia Rattlesnake, or Striped Gypsy , truckers consider it one of the best ; early, large, oblong, striped ; excellent flavor; lb. 50c., oz. 10c.	5	
Cuban Queen , specimens of this mammoth melon often attain the enormous weight of 80 to 100 pounds ; good quality; lb. 50c., oz. 10c.	5	
Mammoth Iron Clad , rivals the Cuban Queen in size and quality; much sought by shippers; lb. 50c., oz. 10c.	5	
Pride of Georgia , highly prized for shipping purposes ; oval in shape and of large size ; dark green ; lb. 60c., oz. 10c.	5	
The "Boss," unusually rich ; early, heavy and good for home and market use; lb. 50c., oz. 10c.	5	

Pkt. Cts.

Scaly Bark , so called from the scaly markings on the rind ; very large and fine : good keeper ; lb. 60c., oz. 10c.....	5
Mountain Sprout , long, striped ; scarlet flesh, good quality, but not quite as early as Mountain Sweet ; lb. 50c., oz. 10c.....	5
Green and Gold , early ; of good size ; nearly round ; skin dark green ; rind thin ; flesh bright straw yellow ; quality good ; lb. 60c., oz. 10c.....	5
Ruby Gold , larger and better flavored than Green and Gold ; flesh veined red and yellow ; very juicy ; fruit averages from 40 to 50 lbs. in weight ; lb. 60c., oz. 10c.....	5
Black Spanish , fruit medium size ; almost round ; skin dark green, scarlet flesh, sweet and delicious ; lb. 50c, oz 10c	5
Dixie , a new melon, said to rival Kolb's Gem for shipping purposes, and several days earlier ; attains an enormous size and probably the best yielder in the list ; oblong shape, scarlet flesh, sweet and tender ; lb. 60c., oz 10c	5
Prize Jumbo . It is claimed that in this variety the acme of perfection has been reached. The melons grow to an immense size ; from 40 to 60 lbs. is a common weight, while many have attained the enormous weight of 80 lbs. ; round in shape, color green with faint light stripes ; flesh deep red, sweet and delicious ; good shipping melon ; lb. 70c., oz. 10c.....	5
Jordan's Gray Monarch , a distinct variety and one of the largest oblong, rind a mottled gray, flesh deep red and delicious flavor ; lb. 70c., oz. 10c.....	5
Orange , form nearly round, skin light green ; flesh separates easily from the rind ; lb. 75c., oz. 10c.....	5
Volga , a very showy Russian variety ; late and rather small ; flavor unsurpassed ; lb. 60c., oz. 10c.	5
Sculptured-Seeded Japan , very early, with many good points ; lb. \$1.00., oz. 10c.	5
Citron , for preserves ; flesh white and solid ; lb. 50c., oz. 10c.....	5

MUSTARD.

German, *Senf*. French, *Moutarde*.

Is used as salad, usually with Lettuce or Cress, also for *greens* : it may be had throughout the entire season by sowing seed at intervals in rows, thick ; cut when two inches high ; succeeds well in almost any soil. For a crop of seed sow in April in drills two feet apart, and thin to about five inches in the row. Pkt. Cts.

Mustard, White or English, most desirable ; lb. 35c, oz. 10c .. 5
Giant Southern Curled, grows about two feet high ; six of the bunches will fill an ordinary barrel ; in the South, the seed is sown in the fall and the plants used early in spring ; lb. 60c., oz. 10c .. 5

MUSHROOM SPAWN.

German, *Schwämme Brut*. French, *Champignon*.

We are so often asked for advice on the culture of Mushrooms that we have published a pamphlet of instructions for mushroom culture, which will be sent free with all orders for Spawn ; to all others on receipt of 10 cents.

Best English, in bricks. Lb. 12c., 10 lbs. \$1.00. By mail, postpaid, 25c. per lb., 5 lbs. \$1.00.

Best French, in 2 lb. boxes only, at \$1.00 per box, by mail or express, prepaid.

NASTURTIIUM, OR INDIAN CRESS.

German, *Indianische Kresse*. French, *Capucine*.

The seeds, while young and succulent, are pickled and used as capers. The plants are also ornamental ; the tall variety makes an excellent screen or covering for unsightly places in the garden. Pkt. Cts.

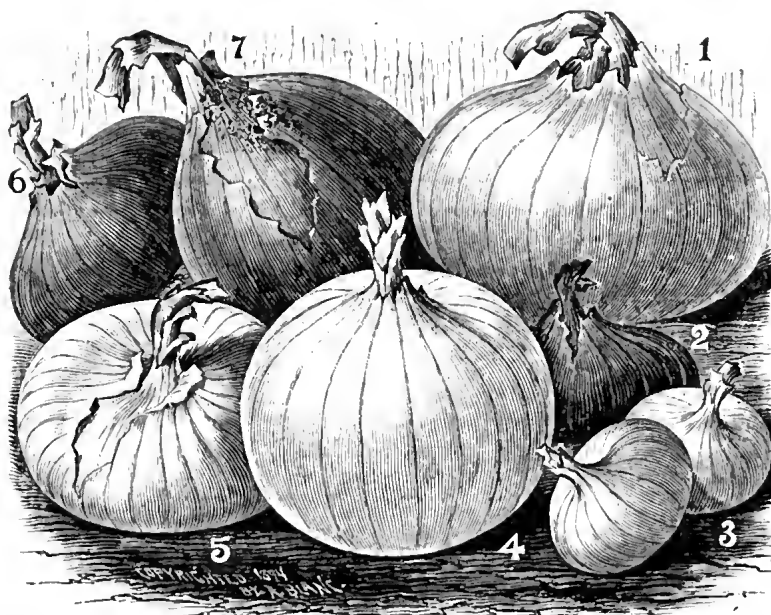
Tall Nasturtium, mixed colors ; lb. \$1.50, oz. 15c..... 5

Dwarf Nasturtium, mixed colors ; lb. \$1.50, oz. 15c .. 5

ONION.

German, Zwiebel. French, Oignon.

Onions should have a clean, loamy and very rich soil in order to make them pay for the trouble and expense. The use of well-rotted compost is very beneficial to the seed bed, and Onions do well if sown upon the same piece of land for a succession of years. Sow seed as early in spring as possible, *the earlier the better* on a warm, rich soil, as soon as it is in working condition, in drills fourteen inches apart and half an inch deep : as Onions grow on top of the ground they may be allowed to remain pretty thick, no matter if they crowd each other. In hoeing, to destroy weeds and keep the ground mellow, which should be frequently done, do not cover the young bulbs with earth. If you follow the above directions, and your seed is good, you will have a good crop. Our American Onion seed this year is all of our own growing, every Onion examined before planting, and we believe it to be the purest and best in the world. Five pounds of seed is required to sow an acre.



Pkt. Cts.

- Southport Early Red Globe**, a new variety, and decidedly the finest Onion yet introduced. This new variety can be planted with safety wherever the Danvers will mature. It differs from Early Red Globe in being much rounder and of finer quality ; lb. \$1.75, oz. 15c..... 5
- Early Red Globe**, very early and of good size ; mild, prolific and keeps well ; lb. \$1.25, oz. 15c .. 5
- Large Red Wethersfield**, a favorite Onion in the East, where immense crops are grown for shipment. Large-sized, skin deep red ; form round, flat ; flesh purplish white. Productive, a fine keeper, and very popular for general cultivation ; lb. \$1.20, oz. 15c 5
- Louisiana Creole**, a favorite Onion in the South, where it attains very large size. Bulbs rather flat, color light pink ; lb. \$6.00, oz. 60c 10
- Prize Taker**, of enormous globular size, straw colored, and identically the same as the handsome onions sold from crates in the fall of the year in all large cities and towns, and supposed to come from Spain ; flesh pure white and very mild ; a wonderful yielder ; lb. \$1.75, oz. 15c..... 5
- Danvers Yellow Globe**, an early, very popular sort, of globular form ; mild, fine flavor and an excellent keeper ; an immense cropper, often going 700 to 800 bushels to the acre ; lb. \$1.15, oz. 10c..... 5

Pkt. Cts.

Danvers Yellow , scarcely differing from above, except in shape, being somewhat flatter; lb. \$1.00, oz. 10c.....	5
Large Yellow Dutch , a standard flat variety, forming bulbs readily; flesh white and of mild flavor; good keeper; lb. \$1.00, oz. 10c.....	5
White Portugal, or American Silver Skin , a fine, large, white Onion, delicate flavor, early, but not a good keeper; lb. \$2.10, oz. 20c.....	5
White Globe , of a globular form, mild and pleasant flavor, and is one of the best white varieties in cultivation; lb. \$2.10, oz. 20c.....	5
El Paso, or Large Mexican , a silvery white, flat variety, often growing to the weight of two pounds; lb. \$2.10, oz. 20c.....	5

☞ The following are *Imported Varieties* which cannot be recommended to bottom as well as the American varieties, though most of them ripen up thoroughly and make good hard bulbs.

New Queen , very early Onion; small, flat, white, mild-flavored, and a good keeper; lb. \$1.75, oz. 15c.....	5
Early White Flat Italian Tripoli , skin pure white; very mild; of rapid growth; very early; lb. \$1.75, oz. 15c....	5
Giant Rocca of Naples , large, globular shape, often weighing two or three pounds apiece; skin light brown; lb. \$1.40, oz. 15c.....	5
Bermuda Red , skin red; flesh white and fine grained; grown in immense quantities in the South for shipment North; matures very early; lb. \$2, oz. 20c	5
Red Bassano , a large, globe-shaped variety; skin deep red; lb. \$1.75, oz. 15c.	5
Giant White Flat Tripoli , a large white flat sort, very mild in flavor, and as large as the above; lb. \$1.75, oz. 15c.....	5
Mammoth White Garganus (Silver King) , an enormous Onion; white, flat: flavor mild and delicate; lb. \$2.00, oz. 20c.....	5

Onion Sets.

Recommended for very early use, both for large Onions and young for the table. Plant the sets early in spring in shallow drills one foot apart, and one inch between sets. Cover slightly.

	Qt.	Pk.	Bu.
White Sets	\$0 35	\$1 75	\$5 00
Yellow Sets ..	30	1 75	4 00
English Multipliers	35	1 25	4 00
White Multipliers	35	1 25	4 00

Multipliers are produced in clusters about the bulbs of the Seed Onion; separated and used for the same purpose as the sets. Our stock of all is exceedingly fine. Larger quantities quoted by letter.

Peck or bushel orders by express at purchaser's expense. No charge for bags.

OKRA, OR GUMBO.

German, *Gerbarer*. French, *Gombo*.

This vegetable is extensively grown in the Southern States. Its long pods, when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of the easiest culture and grows freely, bearing abundantly on any garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

Pkt. Cts.

Dwarf Green , early and productive. Lb. 50c., oz. 10c....	5
Dwarf White , similar to above except in color. Lb. 50c., oz. 10c.....	5
Dwarf New White Velvet Pod , a distinct variety; pods smooth, large and very abundant. Lb. 50c., oz. 10c.....	5

PARSLEY.

German, Petersilie. French, Persil.



EXTRA DOUBLE CURLED.

This vegetable is used for garnishing more than any other plant of our gardens; it is extensively used in soups, stews, etc. As the seed is very slow to germinate, sometimes two or three weeks will elapse before the plants make their appearance, and in dry weather often fail entirely. Plants should be started in a hot-bed, if possible, but if sown out of doors the seeds should

HOLLOW CROWN
PARSNIP.
See page 29.

be soaked in quite warm water at least twenty-four hours. When the plants are two or three inches high, set them in rows five or six inches apart.

Pkt. Cts.

Extra Double Curled, dwarfish; very tender; an excellent variety; lb. 75c., oz. 10c. 5

Covent Garden Garnishing, the best and most desirable for garnishing; highly prized in Europe; lb. 75c., oz. 10c. 5

Myatt's Garnishing, larger and of stronger growth than most varieties; a favorite for all purposes; lb. 75c., oz. 10c. 5

Beauty of the Parterre, distinct and most beautiful for edgings, and equally good as a condiment; lb. \$1.00, oz. 15c. 5

Fern Leaved, most exquisite in form and color, invaluable as a garnishing plant and admirably suited for table decoration; lb. 75c., oz. 10c. 5

Plain, leaves plain and very dark colored; it is often preferred on this account and because of its hardiness; lb. 60c., oz. 10c. 5


Turnip Rooted or Hamburg, the root, which resembles a small parsnip, is the edible portion of this variety, which is extensively grown and used for flavoring soups, etc.; lb. 75c., oz. 10c. 5

PEAS.

German, Erbsen. French, Pois.

Choice English and American Varieties.

Peas are perfectly hardy, and will endure a great amount of frost and cold with safety. As "Green Peas" are one of the delicacies of the garden, they should be sown very *early* in order to have them fit for *early* use: those sown early succeed the best as a general thing. Sow in drills six inches apart and four feet space between. The drills should be three inches deep and the peas scattered pretty thickly—about a pint to forty feet. When the plants are three inches high draw a little earth to their stems. All varieties growing three feet or more in height should be supported by a row of brush; the dwarf varieties do not need it. The varieties we offer below are *carefully sifted and hand picked*, which renders them very superior. A dry soil is most suitable, as they are liable to rot in any other. Pkt. Cts.

 *Quotations by the bushel may be found in the back part of the Catalogue.*

Crosman's First and Best, very early and popular everywhere; a fine market pea; about one and a half feet high. Qt. 35c., pt. 20c. 10

Extra Early, very early and productive; good quality; by some claimed to be the earliest in cultivation; height thirty inches. Qt. 35c., pt. 20c. 10

Early Kent, the old and well-known early pea; very early and productive; our stock of this is unsurpassed; three feet. Qt. 35c., pt. 20c. 10

Philadelphia Extra Early, peerless as a market sort; good fruit and an abundance of it; height thirty inches. Qt. 35c., pt. 20c. 10

Pkt. Cts.

- Alaska**, a round blue pea, and the earliest variety grown ; very desirable in every way ; two feet in height. Qt. 40c., pt. 25c 10
- Kentish Invicta**, an extra early blue pea ; pods handsome and well-filled : two feet in height. Qt. 40c., pt. 25c 10
- Tom Thumb**, a very dwarf and prolific variety, growing eight or ten inches in height ; of good quality ; highly prized. Qt. 40c., pt. 25c 10
- McLean's Blue Peter**, not over twelve inches high ; dark green foliage, round blue seed ; very productive. Qt. 40c., pt. 25c 10
- Nott's Exeelsior**. We consider this variety one of the best of recent introduction. Vines are a little larger and more vigorous than the American Wonder, also earlier and more prolific. Pods are always well filled with peas, which in sweetness and quality have no equal. Qt. 50c., pt. 30c 10
- American Wonder**, extra early, dwarf, wrinkled, and of the best quality ; a superior cropper, having larger pods than the other extra early sorts ; about ten inches high. Qt. 40c., pt. 25c 10
- Blue Beauty**, grows about a foot and a half high and very uniform ; a trifle later than American Wonder ; good yielder and flavor unsurpassed by any. Qt. 40c., pt. 25c 10
- Extra Early Premium Gem**, a valuable very early dwarf, wrinkled variety ; an improvement on McLean's Little Gem, being more robust in growth, with longer pods, and more prolific ; height fourteen inches. Qt. 40c., pt. 25c 10
- McLean's Little Gem**, is one of the finest dwarf wrinkled peas grown ; of a delicious flavor, rich and sugary ; very early ; one foot. Qt. 40c., pt. 35c 10



AMERICAN WONDER.

- Laxton's Alpha**, a wrinkled variety of prime quality ; earlier than Little Gem ; very productive ; two and a half to three feet ; qt. 40c., pt. 25c 10
- Horsford's Market Garden**, a wrinkled variety of superior quality 15 to 20 inches in height, and very stocky ; extremely prolific ; qt. 40c., pt. 25c 10

SECOND EARLY.

- Heroine**, a medium early wrinkled pea, producing strong vines about two feet high, full of large, well filled pods ; qt. 40c., pt. 25c 10
- McLean's Advancer**, a dwarf, green, wrinkled marrow, very productive and of excellent flavor ; qt. 40c., pt. 25c 10
- Bliss' Everbearing**, continues in bearing a long time ; pods very large, containing six or eight peas ; rich and marrowy ; dwarf ; qt. 40c., pt. 25c 10
- Bliss' Abundance**, a remarkably productive variety ; about eighteen inches in height, pods three inches long ; peas large, wrinkled, and of superior quality ; qt. 40c., pt. 25c 10
- Shropshire Hero**.—This valuable new, second early wrinkled Pea is a decided improvement on the old Yorkshire Hero. It is a robust grower, about 3 feet high, producing long, handsome and well-filled pods in abundance. Flavor exquisite. We recommend it highly ; qt. 40c., pt. 25c 10
- Telephone**, tall ; wrinkled ; eighteen to twenty immense pods to the stalk ; fine quality, and commands a good price in market ; qt. 40c., pt. 25c 10

Pkt. Cts.

- Long Island Mammoth**, a fine wrinkled Pea, a little earlier than the Champion; bears a good crop of large, fine quality peas; qt. 40c., pt. 25c. 10
- Pride of the Market**, much esteemed for its long pods, which are well-filled; an enormous yielder; two feet; qt. 40c., pt. 25c. 10
- Champion of England**, a standard wrinkled variety of delicious flavor; very popular; one of the best in cultivation; four feet; qt. 35c., pt. 20c. 10
- Forty-Fold**, an improved variety of the Champion of England; qt. 35c., pt. 20c. 10
- Yorkshire Hero**, a fine large wrinkled variety of exceedingly good quality; very prolific; two and a half feet; qt. 35c., pt. 20c. 10
- Stratagem**, a dwarf wrinkled marrow; strong vines and literally covered with well-filled pods, often six inches in length; qt. 40c., pt. 25c. 10
- Melting Sugar**.—This is a new variety of the edible podded class, bearing large, straight, extremely fine flavored pods in great abundance. Vines grow three to four feet high, are considerably branched and bear in great abundance. should be used exclusively, as it is the best of this class; qt. 60c., pt. 35c. 10
- Tall Sugar**, (Edible Pods); cooked as Snap Beans; very sweet and tender; three feet; qt. 40c., pt. 25c. 10
- Dwarf Sugar**, (Edible Pods); similar to the Tall Sugar, except in height; qt. 40c., pt. 25c. 10
- Large Dwarf White Marrowfat**, a fine late Pea, good flavor; qt. 35c., pt. 20c. 10
- Black-Eyed Marrowfat**, a desirable late variety; very productive; pods large and well filled; qt. 35c., pt. 20c. 10

FOR FIELD CROP—All thoroughly screened.

By Freight or Express at purchaser's expense. No charge for bags.

Canada Field	per bushel	\$1 50
White Marrowfat	"	2 25
Black-Eyed Marrowfat	"	2 25

N. B.—Remember that with Peas as with everything else in our Catalogue, quantity always commands Discount. Special quotations will be promptly given by letter on application.

PARSNIP.

German, *Parstinate*. French, *Panaïs*.

The soil most suitable for the Parsnip is a deep, sandy loam, well enriched with manure the year previous; its cultivation is in all respects similar to the Carrot. Seeds should be sown as early in the spring as the ground is in working condition, in drills from twelve to fifteen inches apart and about an inch deep. An ounce of seed is sufficient to sow 150 feet of drill, and four or five pounds of seed are required to sow an acre. When the plants are of sufficient size, thin to five or six inches in the row.

Pkt. Cts.

- Parsnip, Long White Dutch**, very long and sweet; lb. 50c., oz. 10c. 5
- Abbott's Improved Hollow Crown**, a superior English variety, with a hollow crown; an excellent sort; lb. 50c., oz. 10c. 5
- Guernsey, or Cup**, similar to the Hollow Crown, but not so long and somewhat thicker, smooth skin and fine flavor; a heavy yielder; lb. 50c., oz. 10c. 5

PUMPKIN.

German, *Kürbis*. French, *Courge*.

For convenience sake pumpkins are grown principally among corn. Treatment same as for squashes, except that the hills should be about eight feet apart each way. The following are well-trying and standard sorts, and will undoubtedly give the best of satisfaction.

Pkt. Cts.

- Large Cheese**, flat, yellow, fine-grained; excellent for pies; lb. 50c., oz. 10c. 5
- Cushaw**, fine, sweet, solid flesh; keeps well; lb. 60c., oz. 10c. 5
- Small Sweet, or Sugar**, fine grain, very sweet; lb. 60c., oz. 10c. 5
- Mammoth Tours**, often weighing 150 to 200 pounds and over; lb. 75c., oz. 10c. 5
- Etampes**, skin glossy red; flesh orange, very thick, early; lb. \$1.00, oz. 10c. 5
- King of the Mammoth, or True Potiron**, grows to an immense size; skin salmon-colored; flesh bright yellow; lb. 75c., oz. 10c. 5
- Connecticut Field**, large; excellent for stock; qt. 30c., oz. 10c. 5

PEPPER.

German, Pfeffer. French, Piment.



The Pepper, or Capsicum, as it is sometimes called, is cultivated mainly for pickles and seasoning. It is a tropical plant and requires to be started in a hot-bed early in April; when the plants are three or four inches high, transplant in rows 12 or 15 inches apart, and 10 or 12 inches apart in the rows, or may be sown in the open ground in a warm location as soon as safe from frost, and transplant as above. Pkt. Cts.

- Sweet Mountain**, similar to the Bell Pepper, but larger; excellent for mangoes on account of its mild flavor and thick, fleshy rind; oz. 25c. 5
- Squash, or Tomato Shaped**, red, large; flesh thick, ribbed, mild; oz. 25c. 5
- Large Bell**, large and early; flesh thick and mild; red; oz. 25c. 5
- Ruby King**, a positive leader of all the red varieties; large, bright red and remarkably mild and pleasant; oz. 25c. 5
- Golden Dawn**, yellow, and milder than other kinds; of large size, and a general favorite; oz. 25c. 5
- Monstrous, or GROSSUM**, of enormous size; fruit irregular in form; good for mangoes; oz. 25c. 5
- Cardinal**, new; five to six inches long, an inch broad at the top, tapering to a point; glossy red; thick-fleshed, sweet; oz. 25c. 5
- Long Red Cayenne**, glossy red; flesh thick, pungent; fine for pickles; oz. 25c. 5
- Long Yellow Cayenne**, similar to above except in color; oz. 25c. 5
- Cayenne of Commerce, or Chili**, small red; used for pepper-sauce; oz. 25c. 5
- Red Cluster**, a new form of Red Chili, bearing a profusion of clusters in an upright position; oz. 25c. 5
- Celestial**, fruit creamy-white, changing to vivid scarlet; oz. 25c. 5
- Cherry-Formed Red**, small, round, very productive; oz. 25c. 5
- Cherry-Formed Yellow**, same as the above, except in color; oz. 25c. 5

POTATOES.

German, Kartoffel. French, Pomme de Terre.

After much careful study and experimenting we believe the following to be the most desirable list ever sent out by any house:

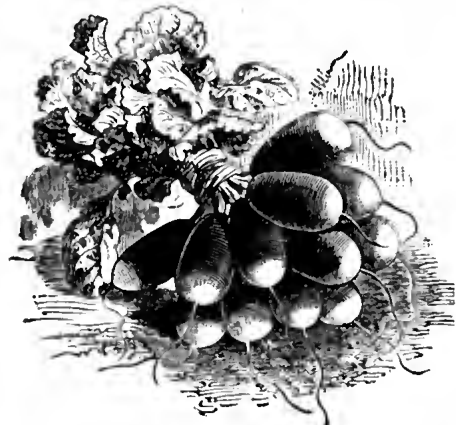
- Freeman**, new, early and a strong grower; finest quality and a good yielder, going about 400 bushels to the acre; half oblong shape, with eyes near the surface; color white russet; pk. 60c., bu. \$1.75, bbl. \$4.50.
- Polaris**, early and very popular; originated in Vermont, and the introducer, Mr. H. F. Smith, claims he has produced 600 bushels to the acre; tubers oblong, with creamy white skin; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Early New Yorker**, extra early and splendid yielder; the tubers are of a handsome light pink color, very smooth, solid and unsurpassed in flavor; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Early Ohio Junior**, extra early; best of all for early market; pk. 60c., bu. \$2.00, bbl. \$5.00.
- Clark's No. 1**, very early; good for either garden or field culture; pk. 60c., bu. \$1.75, bbl. \$4.00.

- Early Beauty of Hebron**, one of the best for the garden ; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Early Sunrise**, early, resembles Rose, but is not so flat ; heavy yielder ; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Early Rose**, the old reliable ; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Chicago Market**, medium early ; light pink ; yields well on good soil ; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Early Puritan**, new, early, white, very productive, excellent quality ; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Brownell's Winner**, best one of the Rose class ; productive, good keeper ; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Prize Taker**, oblong, flesh-colored tubers ; excellent flavor, and crowds Maggie Murphy for yield ; second early ; pk. 60c., bu. \$1.75, bbl. \$4.25.
- Rural Blush**, round and red bulbs ; vigorous grower ; first quality and good yielder : pk. 60c., bu. \$1.75, bbl. \$4.25.
- Maggie Murphy**, a new variety, and is creating a furor among potato growers on account of its enormous yield, fine quality, etc. ; late, and of the Rose class ; pk. 75c., bu. \$2.00, bbl. \$5.00.
- Rural New Yorker, No. 2**, white, very popular, heavy yielder ; pk. 60c., bu. \$1.75, bbl. \$4.00.
- Rochester Rose**, a seedling of the Early Rose, and a great improvement in size and yield ; pk. 60c., bu. \$1.75, bbl. \$4.25.
- American Wonder**, white, large, long and uniform tubers ; flavor superb, either baked or boiled ; pk. 60c., bu. \$1.75, bbl. \$4.25.
- Potatoes are sent by Freight or Express, as requested, at the expense of the purchaser. No charge for bags or barrels.*

RADISH.

German, *Radieschen und Rettige*. French, *Radis, Rave, Petit Rave*.

Radishes are consumed in immense quantities everywhere. Their essential qualities consist in being mild, crisp and tender ; and these may be procured by a rapid growth. If grown slowly, they will be hard, fibrous and pungent. Radishes thrive best in light, rich soil. Sow seed in spring as soon as the ground is in working condition, in drills eight or ten inches apart ; cover one-half inch deep : when well up, thin to two or three inches apart in the row ; for a succession sow at intervals until mid-summer ; when the first leaves appear, it is sometimes well to sprinkle with soot, wood ashes or air-slacked lime, or "slug shot," to save them from the little black cabbage and turnip fly. Winter sorts should be sown in July or August, about the time of sowing turnips, and may receive a similar treatment. Pkt. Cts.



FRENCH BREAKFAST.

- French Breakfast**, an old time favorite ; oval, tipped with white ; very tender ; lb. 60c., oz. 10c..... 5
- Scarlet Olive-Shaped**, tender and excellent ; bright scarlet ; lb. 60c., oz. 10c 5
- White Olive-Shaped**, similar to above, except in color ; lb. 60c., oz. 10c 5
- Early Scarlet Globe**, brilliant scarlet ; short leaved ; flesh very crisp and white ; the best variety for forcing ; lb. \$1.00, oz. 10c... .. 5
- Non Plus Ultra**, extra early scarlet, forcing ; short leaved ; very small ; lb. 80c., oz. 10c..... 5
- Rosy Gem**, resembles Scarlet Turnip White-tip, but is a week earlier ; very tender and crisp ; fine for forcing ; lb. 60c. ; oz. 15c..... 5
- Scarlet, or Red Turnip**, round ; flesh white and tender ; lb. 60c., oz. 10c... 5
- Deep Scarlet**, one of the best of the turnip shapes ; very attractive in color ; extra early ; lb. 70c., oz. 10c.....

Pkt. Cts.

Scarlet Turnip, White Tip , early, of excellent quality ; lb. 60c., oz. 10c	5
White Turnip , similar to Scarlet Turnip, except in color ; very tender ; lb. 60c., oz. 10c.....	5
Philadelphia White Box , a large, early, forcing variety of White Turnip Radish, with a few short leaves ; lb. 60c., oz. 10c.....	5
Golden Globe , a quick-growing turnip-shaped Radish of golden-yellow color ; lb. 60c., oz. 10c	5
Long Scarlet Short Top , an early and popular long scarlet variety, six or seven inches in length ; lb. 60c., oz. 10c.....	5
Wood's Early Frame , a sub variety of Long Scarlet, more brilliant in color and ten days earlier : the popular long radish <i>for forcing</i> ; lb. 60c., oz. 10c ...	5
Chartiers, or Shepherd , long and distinct in color, being crimson at the top and shading to white at the bottom ; grows quite large before being unfit for the table ; mild, crisp and tender ; a good seller in market ; lb. 75c., oz. 10c..	5
White Strasburg, or Hospital , of tapering shape ; an excellent summer variety, being tender, crisp, of fine flavor, and quick grower ; lb. 75c., oz. 10c..	5
Long White Vienna, (Lady Finger) , beautiful in shape ; skin and flesh snow white ; crisp : of rapid growth ; lb. 80c., oz. 10c.....	5
Long White Naples , a long white variety, tinged with green at the top ; excellent for late use ; lb. 80c., oz. 10c.....	5
California Mammoth White Winter , eight to twelve inches long and two to three inches in diameter ; white, solid and good flavor.	5
White Chinese (New Celestial) . Seed sown July 1st made excellent radishes of mammoth size for September use. We, however, especially recommend it as best of all winter radishes from seed sown early in August. Instead of being woody, as are so many winter radishes, the skin and flesh are both snow white, crisp, brittle, and of best quality. Supply of seed is now very limited. Lb. \$1.25, $\frac{1}{2}$ lb. 40c., oz. 15c.....	10
Chinese Rose Winter , an excellent winter radish ; lb. 80c., oz. 10c.....	5
Black Spanish Round , a popular winter variety ; lb. 60c., oz. 10c.	5
Black Spanish Long , the same, but oblong ; lb. 60c., oz. 10c	5

RHUBARB. OR PIE PLANT.

German, *Rhubarber*. French, *Rhubarbe*.

A deep rich soil is the best for Rhubarb. Seed may be sown early in spring in drills 18 inches apart and about three-quarters of an inch deep. The ensuing spring transplant to any desired situation, allowing each plant two or three feet square. Mulching with manure each fall is very beneficial.

Pkt. Cts.

Victoria , very large and productive ; oz. 15c	5
Linnæus , large, tender and fine flavored ; oz. 15c.....	5

Rhubarb Roots. Many people prefer to save time by buying the roots, and to such we would say that we have a fine stock of the Victoria at \$10.00 per 100, by express or freight, at receiver's expense. By mail, postage paid, each 25c., or 5 for \$1.00.

SUNFLOWER.

German, *Sonnenblume*. French, *Soliel*.

A tall, stately plant, with large and brilliant yellow flowers. In rows they form a very effective screen for out-buildings, while the oily seeds make an excellent tonic for fowls and pigeons.

Pkt. Cts.

Mammoth Russian , largest kind grown ; lb. 30c., oz. 10c.....	5
Finest Double , handsome double flowers ; oz. 25c.....	10

SALSIFY. OR VEGETABLE OYSTER.

German, *Boofsbart*. French, *Salsifis*.

In point of delicious flavor this vegetable ranks with asparagus. It is perfectly hardy, and its culture is similar in all respects to the Parsnip. Cut into small pieces, it will make fine soup, which has a decided flavor of the oyster; it can also be boiled or stewed like parsnips. Seed may be sown early in spring on a light rich soil, in drills one inch deep and 12 to 15 inches apart; when well up thin to two or three inches in the row. Roots may be used in the fall, or may be left out during the winter with safety. An ounce of seed for 60 feet of drill.

White French, lb. 90c., oz. 10c. 5

Sandwich Island Mammoth, superior in every respect, producing roots double the size of the old sort, and of equally good quality; market gardeners consider it "just the thing;" lb. \$1.25, oz. 15c. 5

SPINACH.

German, *Spinat*. French, *Epinard*.

Spinach is a very important vegetable for greens; it requires a deep, rich soil in order to obtain good spinach. For early spring use sow seed in the fall, and protect during the winter by covering with straw or leaves; for summer use sow early in spring in drills 12 to 15 inches apart; cover seed one inch deep; when well up, thin to five or six inches in the row. About ten pounds of seed required to the acre; one ounce for 60 feet of drill.

Round, or Summer, for spring sowing; lb. 35c. oz. 10c. 5

Thick-Leaved Viroflay, very superior to the ordinary round; lb. 35c., oz. 10c. 5

Long-Standing, fine for spring sowing; stands two weeks longer than any other kind before going to seed; excellent for marketing purposes; lb. 35c., oz. 10c. 5

Savoy-Leaved, or Bloomsdale, large, tender leaves; a summer sort which beats all others for yield; lb. 35c., oz. 10c. 5

Prickly, or Winter, for fall or very early spring sowing; lb. 35c., oz. 10c. 5

SQUASH.

German, *Speisefürbiße*. French, *Courge*.

All the varieties are quite tender, and consequently should not be planted until all danger of frost is over and there is a good prospect of warm weather; but we advise getting in the winter varieties as early as possible and encourage a rapid growth in order to have them mature. Cultivate same as Melons or Cucumbers, except that with the running varieties the hills should be about six feet apart. One ounce will plant 30 to 40 hills.

Early Yellow Bush Scallop, a good early Summer Squash, flat, beautifully scalloped, very productive; flesh pale yellow; fine grained and good flavor; plant in hills three feet apart each way; lb. 60c., oz. 10c. 5

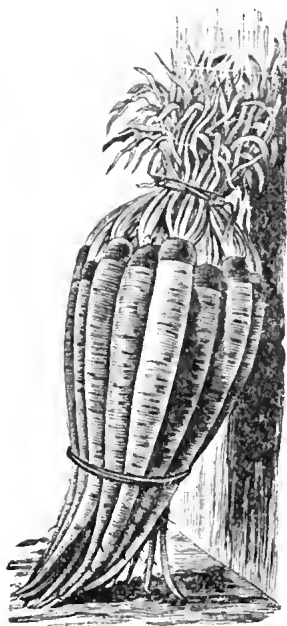
Early White Bush Scallop, similar to above variety, except in color; lb. 60c., oz. 10c. 5

Early Golden Crookneck, the well known Summer Squash, and is the best and richest; early, productive; flesh dry and good flavor; plant in hills three feet apart each way; lb. 60c., oz. 10c. 5

Mammoth Golden Crookneck, similar to the Summer Crookneck, except that it is earlier and much larger; very productive; lb. 90c., oz. 10c. 5

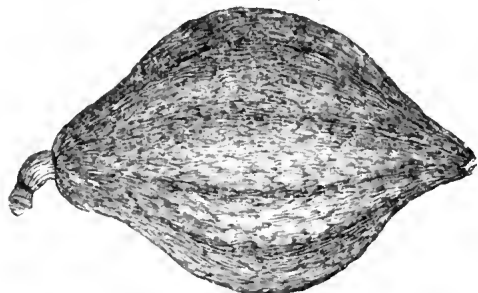
Perfect Gem, for summer or winter; creamy-white; flesh dry, rich; big yielders; lb. 60c., oz. 10c. 5

Boston Marrow, an excellent fall and winter variety; tender and rich; lb. 60c.; oz. 10c. 5

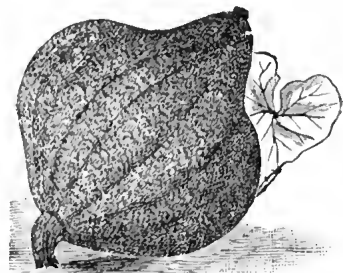


SALSIFY.

- Essex Hybrid**, fine grained, sweet and best of keepers; in great demand; lb. 60c., oz. 10c. 5
- Turban, or Turk's Cap**, an excellent late variety for fall and early winter use; flesh yellow, fine grained, and of good flavor; lb. 60c., oz. 10c. 5
- Hubbard**, the old standard for winter use; flesh bright yellow, very sweet and dry; rich flavor, excellent keeper; color green when ripe; should be planted six feet apart each way; lb. 60c., oz. 10c. 5



HUBBARD SQUASH.



FAXON SQUASH.

- Faxon**, a superb new Squash. It makes as good a Winter as a Summer Squash and will keep over until Spring in perfect condition; the flesh is of rich orange yellow, with small cavity and few seeds. Being sweet, dry and of most delicious flavor when cooked, it is one of the *best pie-makers* known. In general appearance the Faxon resembles the Hubbard except that the color of shell varies from pale yellow to green. (See Illustration.) Lb. 60c., oz. 10c. 5
- Marblehead**, flesh rather lighter color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is really remarkable; lb. 60c., oz. 10c. 5
- Pike's Peak**, shell pale slate color, very hard; flesh solid and thick, orange, of a rich and delicate flavor; lb. 60c., oz. 10c. 10
- Butman**, desirable for late use; one of the best; lb. 60c., oz. 10c. 5
- Mammoth**, often attaining 200 pounds weight; coarsegrained; good for general purposes; excellent for stock; lb. \$1.25, oz. 10c. 5
- Vegetable Marrow**, true; oz. 10c. 5

TOBACCO.

German, *Tabak*. French, *Tabac*.

Farmers and others will find it very profitable to put in a little patch, if no more, as there is always a ready market for the leaf. The seed should be sown very early in the spring—as early as possible after the danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed, then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed bed may be sown and covered very lightly. When the plants are about six inches high, transplant into rows six feet apart each way and cultivate thoroughly with plow and hoe. Pinch off the suckers on the growing stalks, as they absorb the strength of the plant. In early fall be on the look-out and cut before being touched by frost.

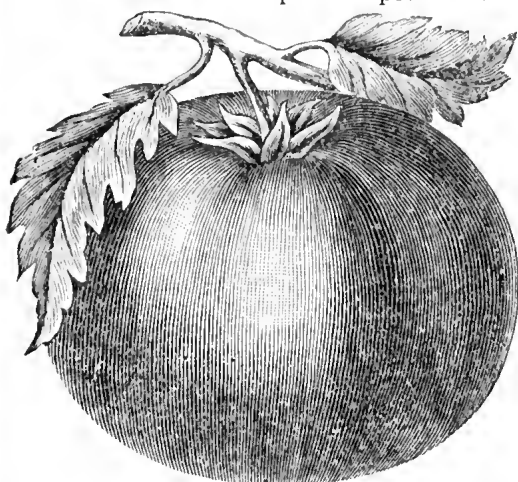
Pkt. Cts.

- Connecticut Seed Leaf**, best adapted to the middle and northern states; oz. 20c. 5
- Comstock Spanish**, one of the best varieties for cigar Tobacco; oz. 30c. 5
- Conqueror**, ripens early, uniformly, easily cured to the brightest color; oz. 25c. 5
- Havana Imported**, a fine cigar Tobacco; oz. 30c. 5
- Havana Seed-Leaf**, the largest of the Havana strain; oz. 30c. 5
- Little Dutch**, a popular western variety; oz. 25c. 5
- Sterling**, makes the silkiest of wrappers and sweetest of fillers; oz. 25c. 5
- Sweet Oronoko**, used for first-class plug fillers; oz. 20c. 5
- Tuckahoe**, leaf long and extra fine, the perfection of a wrapper; oz. 20c. 5
- White Burley**, superior strain; the great western favorite; oz. 25c. 5
- Yellow Oronoko**, a reliable old variety, for cutters, wrappers or fillers, oz. 20c. 5

TOMATO.

German, Liebesapfel. French, *Tomate*.

On account of the wonderful demand for Tomatoes the past few years, the number of new varieties is startling. We have endeavored to present below only the very best of them, according to personal observations on our trial grounds. Besides, many so-called "*new varieties*" we have found to be only duplicates of others which we have listed for years. Sow seeds the latter part of March or first of April, in a hot-bed, or in the house in boxes, pots, etc. When the plants are about four inches high, they should be transplanted, four or five inches apart, in a well-enriched hot bed or cold frame, in order to make the plants hardy and of a more stocky growth; when all danger of frost is over, and there is a prospect of settled warm weather, the plants may be removed to the open ground, in rows three or four feet each way, in a warm location and good soil. Our Tomato seed is unsurpassed in quality, as it is all grown under our personal supervision, and saved from the best and most perfect specimens.



NEW COLUMBIAN PRIZE TOMATO.

- perfect in shape, smooth; has no green core and few seeds; color handsome pinkish red; flesh solid and of good flavor; ripens evenly; very prolific; oz. 25c 5
- Volunteer**, excellent in every way; large, round, smooth and perfect; color bright red; ripens early and together; no core; oz. 20c 5
- Lorillard**, a fine forcing variety; ripens evenly; flesh solid, of fine flavor; color beautiful vermilion red; oz. 20c 5
- Excelsior**, early; medium size; smooth as an apple; very solid and of excellent quality in every respect; oz. 20c 5
- Columbian Prize**, the fruit is perfectly smooth, large-sized and remarkably solid. The Colombian Prize is suited to any and all purposes for which a tomato is needed, being just as desirable for the home garden as for market use and canning. Color handsome red. It would seem as if all the imperfections had been eliminated and all of the perfect qualities retained; oz. 30c.... 5
- Ponderosa**, a very high standard for size, solidity, flavor and general good qualities; oz. 30c. 5
- Dwarf Aristocrat**, favors the Dwarf Champion in habit of growth; fruit bright glossy red in color, solid and smooth; fine for forcing under glass; may be planted as close as three feet apart and do well, hence very desirable for small gardens; oz. 25c..... 5
- Buckeye State**, fruit not only of mammoth size, but smooth and uniform; it is one of the Livingstons' many new introductions, and claimed to be one of their best; color dark red and an immense cropper; oz. 25c..... 5
- Station**, brought out by the State Government Experimental Station at Geneva, N.Y.; habit very dwarf and suitable for pot culture as well as in the field or garden; medium-sized fruit; bright red; oz. 50c.....10
- Thorburn's Long Keeper**, noted for its keeping qualities, and will bear long shipments with safety; bright red and early; oz. 20c.....

- Pkts. Cts.
- Atlantic Prize**, very hardy fruit borne in enormous clusters; smooth, bright red, solid, of good flavor; ripens a large proportion of the crop earlier than any other sort; oz. 25c..... 5
- Early Ruby**, the earliest of all the large-sized Tomatoes which combine good form, rich crimson color and solidity; oz. 25c.. 5
- New Stone**, shape nearly round, perfectly smooth; color rich red; flesh exceedingly solid; very large and a heavy cropper; an excellent canner; oz. 25c.... 5
- Royal Red**, a first-class variety for the shipper, market and private gardener; also fine for canning. Skin and flesh beautiful deep red; fruit large, smooth and solid; an all-round Tomato; oz. 25c..... 5
- Crown Jewel**, fine, large fruit,

	Pkt.	Cts.
Livingston's Favorite , perfect in shape and one of the largest; has few seeds, solid flesh; bears long distance shipping; dark red; early; oz. 20c ...	5	5
Livingston's Perfection , a splendid Tomato for canning or shipping; early, round, smooth, solid, blood-red; a heavy cropper; oz. 20c	5	5
Optimus , vigorous, healthy, early, productive, smooth, free from rot, ripens evenly; flesh crimson scarlet; resembles the Perfection; oz. 20c	5	5
Ignotum , early; fruit large, round, smooth, regular, very solid, with few seeds; ripens perfectly; color deep, rich red; very productive; oz. 20c	5	5
Paragon , color dark red; large and smooth; very solid, with few seeds; uniform in size; ripens evenly and early; oz. 20c	5	5



DWARF CHAMPION TOMATO.

Dwarf Champion , extremely solid, with few seeds; rich red color; very early and prolific; oz. 20c.	5	5
Beauty , an improvement on the Acme, and ripens with it; fruit in clusters; oz. 20c.	5	5
Acme , medium size, round, perfectly smooth, very solid; a good bearer; color dark glossy red with pinkish tinge; flavor delicious; oz. 20c.	5	5
Seovil's Hybrid , an excellent canning variety; large, solid, very productive; color dark red; second early; oz. 20c.	5	5
Table Queen , large, perfectly smooth and round, wonderfully solid, containing few seeds; color rich crimson; flavor most agreeable; oz. 20c.	5	5
Mikado , or Turner's Hybrid , mammoth size and early maturity are happily combined in the Mikado; always solid; purplish red; oz. 20c.	5	5
Trophy , a valuable second early variety, uniformly large and smooth; highly colored and very solid; of fine flavor; oz. 20c.	5	5
Queen , resembles the Trophy and is very highly endorsed for canning; large red fruit; oz. 20c.	5	5
Mayflower , ripens uniformly close up to the stem; bright red, globular, and extra early; oz. 20c.	5	5
General Grant , an early sort, of good size and fine quality; very smooth and ripens rapidly and evenly; oz. 20c.	5	5
Conqueror , fruit borne in clusters from eight to twelve, which ripen very uniformly; of good size; oz. 20c.	5	5
Canada Victor , very early, of good size, fruit heavy, full-meated, and of rich flavor; oz. 20c.	5	5
Golden Queen , well named, for it is Queen of all the Yellows; early and fine for slicing and preserving; oz. 20c.	5	5
Golden Trophy , similar to the Trophy, but of golden yellow color, tinged with red; always attracts attention; oz. 20c.	5	5
Peach , very distinct; fruit of uniform size, resembling a peach in shape, size, bloom and color, which is of a deep orange-rose; oz. 20c.	5	5
Pear-Shaped Red , small; excellent for pickling and preserving.	5	5
Pear-Shaped Yellow , same as above except in color.	5	5
Plum-Shaped Red , for pickling and preserving.	5	5
Plum-Shaped Yellow , similar to above except in color.	5	5
Red Cherry , for preserving and pickling; fruit borne in clusters.	5	5
Yellow Cherry , same as above except in color.	5	5
Red Currant , fruit of a bright red color, growing in long clusters, similar to the currant; very ornamental; habit and foliage slender.	5	5
Strawberry Tomato , or Ground Cherry , a distinct variety, the fruit of which is inclosed in a husk; for preserving.	5	5

TURNIP.

German, Weiße Rüben. French, Navet.

For early use, sow as early in spring as possible, on a light sandy or gravelly soil, well enriched with manure, in drills twelve or fifteen inches apart, covering lightly. For fall and winter use the seed should be sown about the 20th of July, and Swedes from the 1st to the 20th of June. Thin the plants to five or six inches apart in the rows; hoe often and keep free from weeds; one pound of seed is sufficient to sow an acre. Our stock of Turnip seed is very choice, comprising the very best varieties in cultivation.

Early White Flat Dutch, early and good; medium size; of rapid growth; unsurpassed for table use; lb. 50c., oz. 10c. 5

Early White Six Weeks, or Snowball, lb. 50c., oz. 10c. 5

Purple Top Strap Leaf, early; fine for market or family use; white; purple above ground; the most popular variety in cultivation; lb. 50c., oz. 10c. 5

White Top Strap Leaf, same as above, except color of bulb; lb. 50c., oz. 10c. 5

Extra Early Milan, the earliest variety grown; bulb white with purple top; finest quality grown; lb. \$1.00, oz. 10c. 5

Purple Top White Globe, an early, globe-shaped, heavy cropping sort, otherwise similar to Purple Top Strap Leaf; lb. 50c., oz. 10c. 5

Long White Cow Horn, matures very quickly; roots carrot shaped, about half above ground; flesh white, fine-grained, sweet; excellent for table use; lb. 50c., oz. 10c. 5

White Egg, nearly oval or egg-shaped; flesh very firm, fine-grained; skin thin and perfectly smooth; flavor the very best, mild and sweet; lb. 50c., oz. 10c. 5

Pomeranian Large White Globe, best adapted to field culture; lb. 45c., oz. 10c. 5

Large White Norfolk, cultivated for stock feeding; lb. 45c., oz. 10c. 5

Montmagny, first-class garden sort; yellow, with purple top; lb. 60c., oz. 10c. 5

Robertson's Golden Ball, very rich yellow variety; very popular for family use; lb. 60c., oz. 10c. 5

Purple Top Scotch, or Aberdeen, color deep yellow, globe-shaped, sugary and solid; lb. 50c., oz. 10c. 5

Seven Top, (for Turnip Greens) grown only for the leaves, which are abundant; very hardy; best known in the South; lb. 50c., oz. 10c. 5

RUTA BAGA, OR SWEDE TURNIP.

Pkt. Cts.

Carter's Imperial Hardy, the hardest and best Purple Top Swede grown; lb. 50c., oz. 10c. 5

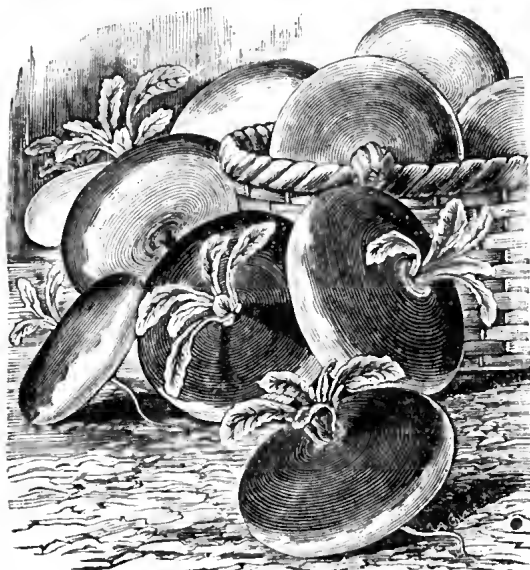
Laing's Purple Top, an old and favorite variety; good keeper, solid and productive; lb. 60c., oz. 10c. 5

Skirving's Purple Top, smooth; good quality; fine for stock; standard variety; lb. 50c., oz. 10c. 5

American Purple Top, or Long Island Ruta Baga, this is a strain of purple top yellow Ruta Baga, of American origin, selected to a smaller top and much shorter neck than is usually found, while the roots grow to an enormous size under favorable conditions. We consider this one of the most desirable kinds on our list; lb. 60c., oz. 10c. 5

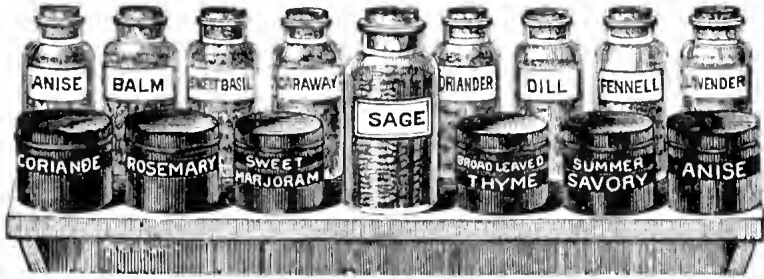
Sweet Solid Russian, or White Sweet, white variety of extraordinary sweetness and solidity; fine for table or stock; lb. 50c., oz. 10c. 5

Sweet German, a fine keeper; flesh solid, white and sweet; lb. 50c., oz. 10c. 5



PURPLE-TOP STRAP LEAF.

SWEET OR POT HERBS.



A small collection of Herbs is a household treasure, and a very small space in the garden will abundantly supply any family with herbs. For winter use, cut when green and in blossom, tie in small bunches and hang up in a dark room to cure. Seed should be sown on a finely raked seed-bed early in spring. Transplant as soon as the plants are of sufficient size. No family garden should be without an assortment of Herbs, as expense of procuring the same is so trifling and culture so simple.

Anise,
Basil, Sweet,
Balm,
Caraway,
Coriander,
Dill,
Fennel, Sweet,

Horehound,
Hyssop,
Lavender,
Marjoram, Sweet,
Rosemary,
Rue,

Sage, English Broadleaf,
Saffron,
Savory, Summer,
Sorrel, large-leaved French,
Tansy,
Thyme, broad-leaved English,
Wormwood,

☞ Seeds of the above varieties are put up in neat *5-cent papers*.

The entire collection of Herbs (1 pkt. each) will be mailed, *post-paid*, for *75 cents*.

FIELD CORN.

Our Seed Corn has been grown for us by specialists, and will be found of the highest grade as to quality and germinating power. Sow eight quarts to the acre.

On quarts we prepay postage. Pecks or bushels by express or freight at expense of purchaser. Special prices on large quantities.

	Quart.	Peck.	Bushel
Angel of Midnight, Yellow Flint.....	20	40	\$1 50
Extra Early Huron, Yellow Dent.....	20	40	1 50
King of the Earlies, Yellow Dent..	20	40	1 50
Golden Beauty, Yellow Dent....	20	40	1 50
Longfellow, Yellow Flint.....	20	40	1 50
Leaming, Improved, Yellow Dent....	20	35	1 00
Pride of the North, Yellow Dent.....	20	40	1 50
Sanford, White Flint.....	20	40	1 50
Southern Sheep Tooth, for Fodder	20	35	1 00
Red Cob Ensilage, "	20	35	1 00
Sweet Corn, "	20	40	1 50

GRASSES AND CLOVER.

For lawns, door-yards, etc., sow in April or May. If sown during the hot months, a sprinkling of oats is necessary to shade the young plants. Rake in with a fine hand-rake. Lawns are often sown in the fall with excellent results. Pound, ounce and quart orders by mail, post-paid; peck and bushel orders by express or freight, as desired, at purchaser's expense. No charge for bags or cartage. (cts.)

Crested Dog's Tail (<i>Cynosurus cristatus</i>), per qt.....	50
Fescue, Fine-Leaved (<i>Festuca ovina tenuifolia</i>), per qt.....	20
Fescue, Hard (<i>Festuca duriuscula</i>), per qt.....	15
Fescue, Sheep's True (<i>Festuca ovina</i>), per qt....	15
Fescue, Meadow (<i>Festuca pratensis</i>), per qt.....	15
Kentucky Blue Grass (<i>Poa pratensis</i>), extra clean seed; per bu. of 14 lbs. \$2.00, pk. 60c., qt.....	15
Hungarian Grass (<i>Panicum Germanicum</i>), per bu. 48 lbs. \$1.75, pk. 60c., lb....	20
Millet, German or Golden , per bu. 48 lbs. \$1.75, pk. 60c., lb....	20
Orchard Grass (<i>Dactylis glomerata</i>) per bu. 14 lbs. \$2.50, pk. 75c. qt.....	20
Italian Rye Grass (<i>Lolium Italicum</i>), per qt.....	15
Pacey's Perennial Rye Grass (<i>Lolium perenne</i>), per bu. \$2.00, pk. 60c., qt....	20
Red Top (<i>Agrostis vulgaris</i>), per bu. of 14 lbs. \$1.50, pk. 50c., qt.	15
Bermuda Grass , per lb.....	\$1.25
Sweet Vernal Grass (<i>Anthriscanthum odoratum</i>), per lb. \$1.00, oz.....	10
Yellow Oat Grass (<i>Avena flavescens</i>), per qt.....	30

Lawn Grass, Extra Fine, Mixed. One of the most pleasing features connected with the garden is a well-kept lawn; but to secure this most desirable object much depends upon the selection of such grasses as will present a fresh and luxuriant verdure throughout the season without constantly requiring to be cut to prevent overgrowth. For this purpose, a mixture of several kinds of the finer grasses is most suitable. These we can supply ready mixed, of the best sorts, and proper proportions of each. The quantity usually sown is from 1½ to 3 bushels per acre; per bu. \$3.00, pk. 90c., qt.

Clover, White Dutch , lb. 45c., oz.....	10
“ Alsike , lb. 35c., oz.....	10
“ Lucerne , lb. 40c., oz.....	10
“ Crimson , lb. 25c., oz.....	10

MISCELLANEOUS SEEDS.

By Mail, Postage Prepaid.

Broom Corn, Evergreen , lb.....	25
Flax Seed , lb....	20
Honey Locust, for hedges , lb.....	40
Lathyrus Sylvestris , lb.....	\$3 00
Osage Orange, for hedges , lb.....	60
Rape, Best Essex , lb.....	25
Sugar Cane, Early Amber , lb.....	25
“ Early Orange , lb.....	25
Teosinte , lb....	\$2 00
Vetches, Spring , lb.....	25
Wild Rice (<i>Zizania aquatica</i>), lb....	35
Canary , lb.....	25
Chufas, or Earth Almond , lb.....	25
Hemp , lb.....	20

PRICES FOR MARKET GARDENERS.

To Market Gardeners and others who wish to purchase the larger seeds in large quantities, we offer them at the prices named below. The articles quoted in this list are packed and delivered at Express offices and Railway depots in this city at the annexed prices. Freight charges to be paid by the purchaser on receipt of goods, unless the amount has been previously advanced to us for that purpose. **No charge for bags, packing or cartage.** Not less than $\frac{1}{4}$ bushel (peck) will be sold at these prices.

BEANS, DWARF OR SNAP.

YELLOW PODDED VARIETIES.

	Per bu.
Dwarf Black Wax, or Butter...	\$4 00
" Golden Wax.....	4 00
" Challenge Black Wax.....	5 00
" Golden-Eyed Wax.....	4 00
" Thorburn's Refugee Wax..	4 50
" Kidney Wax.....	4 00
" Red Flagcolet Wax.....	4 50
" Crystal White Wax ..	4 50
Yosemite Wax.....	9 00

GREEN PODDED VARIETIES.

Early Red Valentine (Round Pod)...	3 00
" Mohawk.....	3 25
" Yellow Six Weeks (long)....	3 25
" China Red Eye.....	3 00
" Refugee.....	4 00
Refugee, or 1,000 to 1.....	3 00
Royal Dwarf, or White Kidney....	3 25
Improved Red Kidney.....	3 25
White Marrowfat.....	3 00
Burpee's Bush Lima	9 00
Henderson's Bush Lima.....	6 00
Dwarf Horticultural.	3 50

BEANS, POLE OR RUNNING.

Dreer's Cluster Wax.....	7 00
German Black Wax.	5 00
Speckled Cranberry.....	4 75
King of the Garden Lima	6 00
Large White Lima.....	6 00
Dreer's Improved Lima.....	6 00
Early Jersey Lima.....	6 00
Small Lima, or Sieva.....	5 50
Scarlet Runners.....	5 50
White Dutch Runners.....	5 00
Dutch Case Knife.....	5 00

CORN.

Extra Early Adams	2 50
Early Cory.....	2 50
" White Cory.....	2 50
" Marblehead	2 50
" Minnesota.....	2 50
" Sweet, or Sugar.....	2 50
Shaker's Early.....	2 50
Perry's Hybrid.....	2 50

CORN.—Continued.

	Per bu.
Crosby's Early.....	\$2 50
Crosman's Genesee Sweet.....	2 50
Stowell's Evergreen.....	2 25
Moore's Early Concord.....	2 50
Potter's Excelsior.....	2 50
Egyptian.....	2 50
Old Colony.....	2 50
Hickox Improved.....	2 50
Early Mammoth.....	2 50
Large Late Mammoth.....	2 50
Black Mexican.....	2 50
Country Gentleman.....	2 50

PEAS.

Those marked (*) are wrinkled varieties.

All Garden Peas carefully sifted and hand picked.

EARLY.

Crosman's First and Best.....	3 50
Extra Early "True".....	3 00
Philadelphia Extra Early	3 00
*American Wonder	5 50
*Extra Early Premium Gem.....	4 80
*McLean's Little Gem.....	4 50
McLean's Blue Peter.....	4 50
Tom Thumb (American).....	4 50
Blue Beauty.....	4 00
Pride of the Market.....	6 00
*Horsford's Market Garden	4 50
Kentish Invicta.....	3 75
Alaska	3 50

SECOND EARLY.

*Bliss Abundance	4 00
*Bliss' Everbearing.....	4 00
*Telephone	5 50
*Stratagem	6 50
*McLean's Advancer.....	4 00
*Champion of England.....	3 00
*Forty Fold.....	3 00
*Yorkshire Hero.....	4 00
Dwarf Sugar (Edible Pods).....	5 50
Tall " " ".....	5 50
Large Dwarf White Marrowfat....	1 75
Black-Eyed Marrowfat.....	1 75

For varieties not mentioned above write for prices, as we have all leading and popular sorts to offer in any desired quantity.

SELECT LIST

— OF —

CHOICE FLOWER SEEDS,

FLOWERING THE FIRST SEASON.

ABRONIA.

A charming trailer, producing beautiful Verbena-like clusters of sweet-scented flowers throughout the whole season, which present a wax-like appearance; very effective in beds, rock works, or hanging baskets. Sow seed under glass if possible, but, with care, succeeds well in the open ground. Peel off the husk of the seed before sowing to facilitate its vegetating; transplant one foot apart; water thoroughly in dry weather; treat as a half-hardy annual.

	Pkt. Cts.
Umbellata , rosy lilac, white eye.....	.5
Arenaria , pure waxy yellow.....	.5

ADONIS.

Showy, hardy annuals, growing about one foot high, with pretty foliage and bright red flowers, which are not very numerous but remain long in bloom; sometimes known as "Pheasant's Eye." Set plants about eight inches apart.

Æstivalis , summer, scarlet; one foot.....	.5
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AGERATUM.



Very valuable bedding plants; also fine for blooming in pots during winter. Flowers small, in clusters, and of long duration; very desirable for bouquets. Cover seed slightly. Will do well in almost any soil; thin to six inches apart. Half hardy annual.

Mexicanum , lavender blue; 1 foot	5
Mexicanum Albiflorum , white flowered; 1 foot.....	5
Mexicanum Imperial Dwarf Blue	5
Mexicanum Albiflorum Imperial Dwarf White , 6 inches....	5
Lasseauxii , a rose-colored variety; 1 foot.....	5

Little Dorrit , blue flowers, compact bushes 6 inches high and a foot through; profuse bloomer.....	5
Swanley Blue , fine dwarf variety.....	5

AGROSTEMMA.

Very attractive, free flowering, hardy plant, growing freely in any common garden soil. Flowers borne on long slender stems; should be set six inches apart.

Mixed Varieties	5
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ASTER.

The Aster stands unrivaled for beauty, variety of habit, form and color, and the brilliancy of its perfectly double flowers makes it a great favorite, and no flower garden can be considered complete without it. The seed may be sown in the hot-bed, or seed-bed in the garden; can be easily transplanted. The tall varieties should be twelve inches apart, and the dwarfs six inches; the former need a little support to prevent being blown down during a wind or rain storm. Give the Aster a deep, rich soil, and mulching with coarse manure is beneficial during hot, dry weather. Hardy annuals.



ASTER FLOWER.

- | | Pkt. Cts. |
|--|-----------|
| New Victoria , free flowering, large; habit pyramidal; 2 feet; mixed colors..... | 10 |
| New Victoria White , one of the finest white Asters grown..... | 10 |
| Truffant's Paeony-Flowered Perfection , very large, beautiful flowers; one of the best; height, 2 feet; mixed colors..... | 10 |
| Large Flowered Rose , a charming variety, about two feet high, with large flowers, beautifully imbricated and very double; mixed colors.... | 10 |
| Dwarf Chrysanthemum-Flowered , flowers large and perfect; very desirable; 1 foot high; finest colors mixed.... | 10 |
| Imbrique Pompon , free blooming, compact; height 18 inches; mixed colors..... | 10 |
| Cocardeau, or Crown , very beautiful variety, with magnificent white center; 18 inches; mixed colors..... | 10 |
| German, Quilled , flowers large, freely produced and of brilliant colors; height 18 inches; mixed colors..... | 10 |
| Paeony-Flowered Globe, Uhland Aster , flowers very large, early; plant robust and branching; does not require tying; mixed colors..... | 10 |
| Boltze's Dwarf Bouquet , extremely Dwarf. Mixed Colors..... | 10 |
| Washington , one of the finest extant; flowers very large and fine; mixed colors | 10 |
| White Branching , an American variety of branching character. Its large flowers are pure white, borne on long stems; excellent for cutting, and a late bloomer..... | 10 |

ALONSOA.

A showy class of plants, fine for mixed beds. Succeeds best if sown under glass and transplanted about the first of June. Properly a greenhouse plant, but blooms finely in open ground when treated as a tender annual.

Mixed Varieties..... 5

ASPERULA.

This hardy little annual produces numerous clusters of small, sweet-scented sky-blue flowers, which, though not brilliant, are quite effective when worked into small bouquets.

Azurea Setosa, very neat and pretty..... 5

AMARANTHUS.

An ornamental foliaged and much admired class of plants, useful as the background of a flower border or for making an ornamental hedge, or bed on the lawn. The seed may be sown in the open ground, or in a hot-bed, which is recommended, and transplant two feet apart the first of June. They are the most brilliant in a poor soil and dry season. Half-hardy annuals.



AMARANTHUS TRICOLOR.

	Pkt.	Cts.
Tricolor, Splendens , foliage green, red and yellow; 2 feet.....	5	
Caudatus , (Love Lies Bleeding), red, very graceful; 3 feet.....	5	
Cruentus , (Prince's Feather), upright; 3 feet.....	5	
Henderi , drooping foliage, richly colored in many shades.....	5	
Salicifolius , or Fountain Plant, 4 to 6 feet in height, extremely graceful habit and rich colored foliage; valuable as a pot plant.....	5	
Mixed Varieties	5	



ANTIRRHINUM.



SWEET ALYSSUM.

ANTIRRHINUM.

(SNAP DRAGON.)

Very showy and hardy perennials, of easy culture, flowering freely the first season from seed, and continuing in bloom until after hard frosts. Never allow seed pods to form on plants you desire to keep for flowering the second season. Sow either in hot-bed or garden early in spring; transplant from eight to ten inches apart. Grows about 18 inches high. (Illustration.)

Tom Thumb varieties , dwarf, finest mixed.....	5
Extra Fine Majus , tall, finest mixed colors.....	5

ALYSSUM.

Very free flowering, useful, pretty little plant, for beds, edgings, etc.; blooming the whole summer; also succeeds well in the greenhouse during winter; fine for bouquets. Seed may be sown in the open ground early in spring or autumn; thin to six inches.

Sweet Alyssum , white, fragrant; 1 foot.....	5
Tom Thumb Sweet Alyssum , fine for edgings and low beds, flowering in the greatest profusion for months; 6 inches.....	5



BARTONIA AUREA.

BARTONIA.

A very showy half-hardy annual, with gray branches and thistle-like leaves. The seed should be sown where the plants are designed to bloom, as it will not bear transplanting; thin to six inches apart. (Illustration.) Pkt. Cts.

Bartonia Aurea, flowers bright yellow; large and attractive. 5

BRACHYCOME.

Pretty, dwarf-growing, free-flowering plant, covered all summer with a profusion of small Cineraria-like flowers succeeding in any light, rich soil. Half-hardy annual.

Brachycome iberidifolia (*Swan River Daisy*). Blue and white mixed; $\frac{1}{2}$ foot. 5

BALSAM.

After persistent hunting we now have the pleasure of presenting to the public a most elegant strain of Double Balsam, and it is with the utmost confidence we ask a trial of the same. Half-hardy annual, producing fine large double flowers in great abundance, requiring a rich soil and good cultivation; sow in a frame early, or in the garden in a sheltered place: when safe from frost transplant to ten or twelve inches apart; pinch off a portion of the shoots, which will render the plant more vigorous and showy. (Illustration.)

Camellia-Flowered, very double and perfect in form; mixed colors. 10

Double Rose-Flowered, perfectly double; splendid; mixed; 2 feet. 10

Double Rose-Flowered White, flowers perfectly double, over two inches across, and borne in great profusion; exquisite. 10

Fine Double, mixed colors. 10



BALSAM—BRANCH IN BLOOM.

CACALIA.

A beautiful and profuse-flowering hardy annual, with tassel-shaped flowers in clusters. Sow early, and thin to six or eight inches apart. Often called *Flora's Paint Brush*, or *Tassel Flower*. Height 18 inches.

Coccinea, scarlet. 5

CELOSIA.

Magnificent and highly ornamental class of plants for the garden or greenhouse. The seed should be sown in a hot-bed, or in a warm border, and transplanted into a warm, rich soil. When grown in pots they are the most elegant of greenhouse and conservatory plants. Many varieties of this class may be cut and dried like an everlasting, retaining both form and color. Tender annuals.

Cristata (Coxcomb), dwarf varieties, mixed. 10

Japanica, or new Japan Coxcomb; leaf scarlet or crimson; combs delicately cut, of a deep scarlet hue, and produced in the greatest profusion. 10

CALLIOPSIS.

A very showy and useful class of hardy annuals. Flowers numerous and very brilliant, embracing nearly every shade of yellow, orange and rich brown, and producing a fine effect when grown in masses. Sow early in the spring and thin to fifteen inches.

Pkt. Cts.

Finest Tall Varieties Mixed,..... 5
Finest Dwarf Varieties Mixed,..... 5

CANDYTUFT

(IBERIS.)

Very beautiful, well-known, hardy annuals of easy culture, which are quite indispensable for bedding and cutting. Seed should be sown very early where the plants are to bloom; thin to five or six inches apart.

Purple, 1 foot.. 5

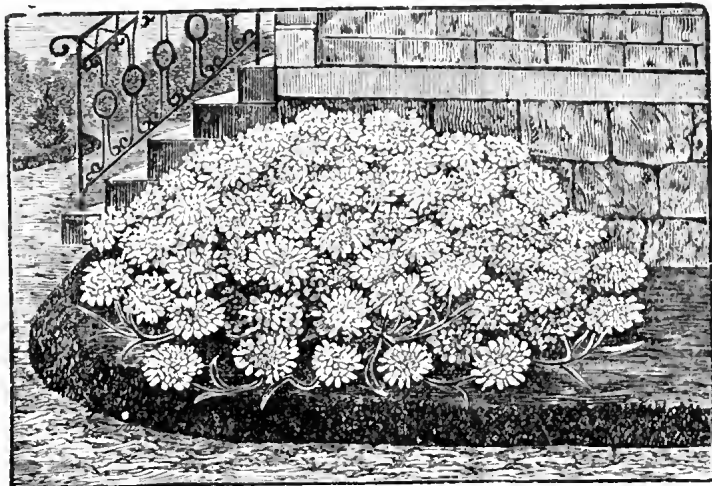
Lilac, delicate shade of purple..... 5

White, very desirable, 1 ft.. 5

Dunnett's Extra

Dark Crimson, fine..... 5

All Colors Mixed,..... 5



CENTAUREA.

Showy, free-flowering, hardy annuals; growing freely in any common garden soil; seed may be sown in the open ground early in spring.

Emperor William, fine dark blue... 5

Cyanus (Bachelor's Button), mixed colors..... 5

CLARKIA.

An interesting class of free-flowering hardy annuals; grow freely in any common garden soil, and very desirable for beds and masses. Sow in the fall or early in the spring, and thin to one foot apart.

Elegans, double varieties mixed..... 5

“ single varieties mixed..... 5

CONVOLVULUS MINOR.

A very showy and beautiful hardy annual for beds, of a trailing habit, of easy culture, and succeeds well in any garden soil. Sow seeds early in spring in the open ground, and thin to 20 inches apart. C. major is the well-known “Morning Glory,” a description of which will be found in the proper place among the climbers.

CENTAUREA, OR BACHELOR'S BUTTON.

Convolvulus Minor, Dwarf, mixed colors..... 5





FRENCH CANNA.

CANNA. (INDIAN SHOT.)

These stately and deservedly popular plants are highly esteemed for their large and handsome foliage and tropical appearance; fine for a bed or group on the lawn. We have the latest improvements both as to fine foliage and size and brilliancy of flowers. The seed should be well soaked in warm water before sowing; will bloom the first season if sown early in a hot-bed or greenhouse; store your roots in the cellar in autumn before touched by frost.—[Illustration.]

Mad. Crozy, a gorgeously beautiful thing, four feet high; the flowers begin to show when the plant is scarcely a foot high and keep coming (until frost) in great blazing clusters and in such profusion as to almost cover the top of the plant; flowers brilliant scarlet, edged with golden yellow.....10

Crozy's New Hybrids, an early blooming dwarf class, with large brilliant flowers of all shades from yellow to crimson; mixed colors.....10

Choice Mixed, standard varieties.....10
Dark-Leaved, varieties, splendid mixed.....10
Good Roots, 25c. each.....

CENTRANTHUS.

Very pretty, free flowering hardy annual, very effective in beds or for edgings; succeeds well in any garden soil; sow early, and thin to fifteen inches apart.

Mixed Colors..... 5

COSMOS.

A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often four to eight feet high and covered with large single dahlia-like flowers. Should be started in heat in March, in this latitude, and transplanted to open ground about June 1st.

Hybrida, Large White, this is in every way superior to the single Dahlia as an autumn-blooming plant. It bears large pure white flowers on long stems in the greatest profusion, which are extremely useful for decorative purposes...10

CATCHFLY. [SILENE.]

A beautiful free-blooming hardy annual; should be sown in beds or groups; succeeds in any garden soil; sow early in open ground.

Silene Armeria, (*Lobel's Catchfly*) mixed colors..... 5

CALENDULA. [POT MARIGOLD.]

Profuse and continuous-blooming dwarf, bushy annuals; indispensable for summer garden or for pot culture in winter; of easy culture.

Meteor, flowers large, double, striped with orange..... 5

Prince of Orange, fine deep orange; very double..... 5

Mixed Varieties, 5



CALENDULA.

COXCOMB. SEE CELOSIA.

DATURA.

Ornamental and very attractive. Half hardy annual, producing trumpet-shaped flowers from 7 to 9 inches long. Roots may be preserved over winter in sand in the cellar. Seed should be sown early under glass; transplant to 20 inches apart.

Wrightii, color white, faintly tinged with lilac; sweet-scented..... 5

DELPHINIUM. [LARKSPUR.]

One of the handsomest and most decorative plants for the flower garden; foliage finely fringed. The flowers are produced in long spikes. Sow seed early where the plants are designed to bloom; the tall varieties should stand 18 inches apart and the dwarfs about 8 inches.

LARKSPUR.

	Pkt. Cts.
Double Dwarf Rocket, mixed colors.....	5
Double Tall Rocket, mixed colors.....	5
Double Stock-Flowered, tall branching; mixed colors.....	5

DAHLIA.

Although perennials, Dahlias will bloom freely the first season from seed, coming in blossom about August, if seed is sown fairly early in spring. For further description and price of roots see Summer-Flowering Plants and Bulbs. Customers can depend upon getting something exceedingly choice in this line from us.

Best Single Mixed, Many pleasing colors.....	10
Best Double Mixed, flowers large, full and perfectly double ..	10

DIANTHUS.

A splendid genus, which embraces some of the most popular flowers in cultivation; it includes the very popular "Carnation," (*Dianthus Caryophyllus*); the beautiful "Garden Pink," (*Dianthus Hortensis*) and the old and well-known "Sweet William," (*Dianthus Barbatus*). But as the above varieties do not flower until the second season, a description of them will be found in the proper place. The double and single varieties, with their rich and varied colors, are very attractive in beds or masses, while the varieties introduced later, such as *Dianthus Heddeiwiggii* and *Dianthus Laciniatus*, with their large and beautiful colored flowers, are unequalled; very desirable for bouquets. Seeds may be sown in a frame, or in a carefully prepared bed early in spring; transplant or thin to 8 or 10 inches apart. [Illustration.]



DIANTHUS DIADEMATUS.

<i>Chinensis</i> , double mixed, fine.....	5
<i>Imperialis</i> , (Double Imperial Pink) fine mixed.....	5
<i>Heddeiwiggii</i> <i>Diadematus</i> , (Diadem Pink), a fine variety of exceeding beauty, remarkable for its brilliant markings and dazzling colors.....	5
<i>Heddeiwiggii</i> and <i>Laciniatus</i> , large flowers, 3 inches in diameter, very beautiful; mixed colors.....	5



DOUBLE DAISY.

DOUBLE DAISY.

(BELLIS PERENNIS.)

A well-known pretty flower for edgings, etc. Seed may be sown in hot beds or the open ground; will bloom the first season if sown early; easily transplanted and may be increased by dividing the roots; set six inches apart.

Fine Double
Mixed 10
Pure White Double 10
Longfellow, remarkable for the unusual size and doubleness of its dark rose flowers. 10

Snowball, large flowers, perfectly double, of purest white. 10

ESCHSCHOLTZIA.

(CALIFORNIA POPPY.)

An exceedingly showy class of profusely flowering plants, very attractive for bedding, ribboning, etc.; a little difficult to transplant; deserves an ordinary share of attention; about one foot high; transplant or thin to about 12 inches. Hardy annuals.

Mixed Colors 5

EUPHORBIA.

Heterophylla (Fire on the Mountain). An annual of the easiest culture, forming bushy plants 3 to 4 feet high, with ornamental leaves which in summer and autumn become blazed with a darker fiery scarlet. 10

Variegata (Snow on the Mountain). A very showy, hardy annual, with beautiful white and green foliage. Plants two feet high. 5



ESCHSCHOLTZIA.

GAILLARDIA.

A very valuable class of plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during summer and autumn; grows 18 inches high; set eight or ten inches apart. Half hardy annual.

Choice Varieties Mixed 5

GILLIA.

An early and pretty class of free-flowering, hardy annuals; very attractive when grown in masses; not very showy as single plants. Seeds may be sown at any time in the spring, and will bloom in almost any location, very effective in rock work, growing from 6 to 8 inches high.

All Varieties Mixed 5

GODETIA.

Very desirable, free-flowering, half hardy annuals, and well deserving the most extensive cultivation; particularly attractive in beds, borders and ribbons; grow well in any garden soil; plants may stand from 10 to 15 inches apart.

All Colors Mixed 5

HELIANTHUS [SUNFLOWER].

Well-known tall-growing plants, remarkable for their stately growth and bright yellow flowers. Prove most effective for dispersing in large shrubbery, borders, etc. Seeds may be sown early in spring where the plants are to bloom, or in pots and planted out when of sufficient size. Hardy annual.

Helianthus globosus fistulosus, very large and double, and considered the *creme de la creme* of all the Sunflowers; oz. 25c. 5
Mammoth Russian, larger than the above, with single flowers; lb. 30c., oz. 10c. 5

ICE PLANT. See *Mesembryanthemum*.

LARKSPUR. See *Delphinium*.

LINUM [FLAX].

A handsome free-flowering hardy annual which deserves a place in every flower garden; recommended for its long duration in bloom. Plants should stand one foot apart.

Grandiflorum rubrum, scarlet; splendid.... 5

LOBELIA.

A most elegant genus, of great utility and beauty, when used properly; of easy culture, and well adapted for bedding, edging, rockeries, etc.; also very attractive in hanging baskets, and for similar decorative purposes. Sow seed in a hot-bed or sheltered situation in the garden; the seeds being very small, great care should be exercised in sowing; transplant or thin out.

Pkt. Cts.

Erinus, **Crystal Palace compacta**, flowers of a fine ultra-marine blue and produced in great abundance; plants of a compact, bushy habit; quite appropriate for pot culture..... 10

Erinus, **Mixed Colors** of the finest and best varieties..... 10

LUPINUS.

Very much admired for their large and beautiful

spikes of flowers, and are very desirable for borders. The seeds should be sown where the plants are designed to bloom, as they will not bear transplanting very well. Hardy annuals, one to two feet.

Several beautiful colors mixed..... 5

MARIGOLDS [TAGETES].

A class of conspicuous, free-flowering plants, with finely-cut foliage; very effective in beds and borders. The *African* is the tallest, growing about two feet high, and the *French* from 8 to 20 inches. Transplant or thin from 18 to 20 inches apart. Half-hardy annuals.

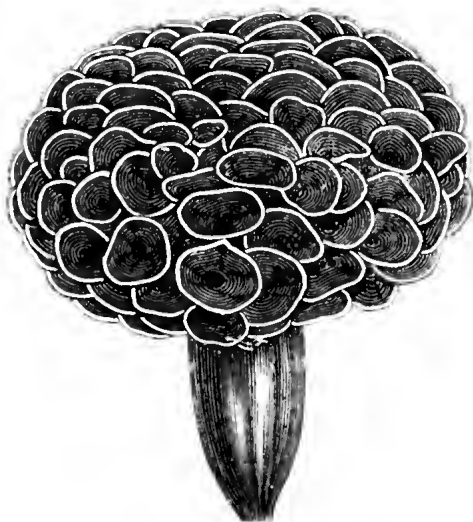
African, tall, mixed varieties..... 5

African, dwarf, mixed varieties.... 5

French, tall varieties mixed.... 5

French, dwarf varieties mixed.... 5

Tagetes signata pumila, a beautiful variety, from 10 to 25 inches in height, globular in form, a profuse bloomer, and remains covered with flowers till late in the fall.



MARIGOLD.

Flowers, single, yellow..... 5



MESEMBRYANTHEMUM.

MESEMBRYANTHEMUM.

A very singular tribe of plants, of spreading habit, and very effective in beds, rock work, hanging baskets, etc.; succeeds best in dry loamy soil. (Illustration.)

Chrystallinum (Ice Plant), singular icy foliage..... 5
Tricolor (Dew Plant), pink, with purple center 5

MYOSOTIS—(FORGET-ME-NOT).

A charming and interesting perennial of easy culture, growing freely in any moist situation, continuing in bloom a great length of time, and particularly adapted for spring garden decorations; will bloom the first season if seed is sown very early.

Palustris (True Forget-Me-Not), blue and white, 6 inches.....10

MIGNONETTE. (RESEDA.)

A well-known fragrant, hardy annual which continues in bloom throughout the entire season, sending forth its fragrance which almost perfumes the whole atmosphere. Very essential in every flower garden, and indispensable for bouquets. When the plants are large enough, thin well, which will produce a stronger growth and larger spikes of bloom. Seed may be sown in the open ground early in the spring. (Illustration.)

Reseda odorata, common Sweet Mignonette; oz. 25c..... 5

Grandiflora ameliorata, flowers large, of a bright red color..... 5

Parson's New White, flowers large and fragrant; a decided improvement..... 5

Machet, finest variety for pot culture; flowers red, numerous and very sweet in perfume; dwarf.....10

Golden Queen, golden yellow flowers; dense dwarf growth; very fragrant.... 5

Crimson Queen, flowers dark red; very fine..... 5

Giant Pyramidal, of compact pyramidal habit..... 5



MIGNONETTE.

MARTYNIA. SEE VEGETABLE LIST.

MIMULUS.

Very pretty free-flowering plants, not showy for the garden, but very effective in baskets, also for flowering greenhouse plants. Seed is very fine and care should be taken in sowing. Transplant or thin plants to stand 8 or 10 inches apart. Sow under glass if possible.

Hybridus tigrinus grandiflorus, splendid tigered and spotted variety.....10

Moschatus compactus (Musk Plant), highly esteemed; yellow; 6 inches.....10



MIMULUS HYBRIDUS.

MOON-FLOWER.

SEE IPOMEEA, AMONG THE CLIMBERS.

MARVEL OF PERU.

Mirabilis Jalapa, generally known as the "Marvel of Peru," or "Four O'clock," is a really beautiful plant, of branching habit and a constant bloomer. Its flowers are very fragrant and beautifully marked, producing a striking contrast with its glossy foliage of dark green. Plant about two feet apart. Very suitable for a hedge if set 10 or 12 inches apart in a row. Seeds may be sown in the open ground where plants are designed to bloom. Half hardy annual.

Pkt. Cts.

Marvel of Peru, mixed colors..... 5

NASTURTIUM [See *Tropaeolum*].

NEMOPHILA.

Beautiful dwarf annuals with fine foliage and of spreading habit. Very free bloomers; the blossoms are rather small, of various shades of color, producing a beautiful effect, whether in beds, grouped or ribboned. They do best if sown in a rather shady location. Thin or transplant to about six inches apart.

Mixed Colors..... 5

NICOTIANA.

Affinis, an annual two to three feet high, with very sweet-scented, white, star-shaped flowers, three inches across..... 10

NIGELLA [LOVE-IN-A-MIST].

A class of beautiful, compact-growing, free-flowering, hardy annuals with singular-looking flowers and cut leaves; are exceedingly attractive. Seeds may be sown in bed, or may be carefully transplanted to stand six or eight inches apart.

Damascena, double; light-blue; one foot..... 5

GENOTHERA.

A genus of showy, free-flowering plants, generally known as the "Evening Primrose." The flowers open suddenly in the latter part of the day, producing a beautiful show in the evening and early in the morning. This plant will attract as much attention as anything that can be grown. Will succeed in any good rich soil. **Lamarckiana grandiflora**, showy, large yellow flowers; three feet..... 5

PETUNIA.

A well-known favorite hardy annual of easy cultivation; the richness of color and abundance of large flowers make them indispensable for bedding plants. Every garden should have a bed of these magnificent flowers. The seed may be sown in hot-beds or open ground; transplant to about 18 inches apart. The seed we offer has been obtained from the most reliable growers in Europe.

Striped and Blotched, very fine..... 10

Countess of Ellesmere, deep rose, with beautiful white throat..... 10

Finest Hybrids, magnificent large flowers; mixed colors..... 10

New Fringed, beautiful, with finely fringed edges..... 20

Finest Double, seeds are produced by fertilizing single flowers with pollen of the double, and will produce about ten per cent. of extra large double flowers; splendid.. 25



PANSY. [VIOLA TRICOLOR]



GERMAN PANSIES.

These are truly the gems of the floral world. Being so well-known and so very popular, both with Florists and amateurs, any description or expression of admiration we think unnecessary. The Pansy, or Heartsease, gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in early spring with a profusion of magnificent blossoms. It will flower better in the middle of summer if planted in a shady location; but in almost any situation will give fine flowers in spring and autumn. Seed may be sown in the fall or very early in spring, in a hot-bed or in open ground, and transplanted to the location where designed to bloom. Transplant one foot apart. Our seed is from a pansy specialist in Germany, and includes all of the best varieties grown at the present time. There is no better stock to be had anywhere. (Illustration.)

	Pkt. Cts.
Pansy, finest quality mixed; extra fine.....	10
Very Large-flowered, mixed; splendid.....	10
Trimardeau, or Giant, the flowers are simply wonderful in size and brilliancy; plants vigorous; mixed colors.....	15
Odier, or Blotched, (large-strain), beautiful; large dark spots on each petal..	15
Cassier's Very Large-flowered Blotched, saved from perfect flowers; very rich and showy.....	15
Bugnot's Very Large Stained, mixed, a large flowering race; plants vigorous. with short stalks bearing well above the foliage large flowers of fine form and substance. Extra fine.....	15

PANSIES IN SEPARATE COLORS.

Azure Blue, very fine.....	10	Silver-edged, charming.....	10
Emperor William, dark blue.....	10	Snow Flake, or Snow Queen, pure white.....	10
Gold Margined, beautiful.....	10	Striped and Mottled, splendid.....	10
King of the Blacks, very dark.....	10	Violet, margined with white.....	10
Lord Beaconsfield, violet lavender and white.....	10	Wallflower Color, beautiful shade.....	10
Prince Bismarck, fine bronze..	10	Pure White, with black center.....	10
Purplish Violet, distinct and fine..	10	Pure Yellow, with black center.....	10
Quadricolor, very fine varieties.....	10	Yellow Gem, without black center.....	10
Peacock, peacock Blue with white eye.....	00		

PHLOX DRUMMONDI.



PHLOX—STAR OF QUEDLINBURGH.

For variety, brilliancy of color and constant show, there is no flower that equals the Phlox. This highly prized hardy annual is indispensable in every garden for bedding and ribboning. During the whole summer and autumn a good bed of Phlox presents a most gorgeous display, dazzling the eye with its brilliancy. The Phlox requires a good soil, and will grow about fifteen inches in height; set the plants about eighteen inches apart—if too thick they suffer from mildew. Pkt. Cts.

Fine Mixed Colors.....10

Grandiflora, mixed colors:

large flowered variety. A more effective plant for producing rich masses of color could not easily be found...10

Bright Scarlet.....10

Pure White.....10

Star of Quedlinburgh, mixed colors.....10

POPPY.

A remarkably showy class of free flowering plants, producing a rich and elegant display in mixed borders, shrubberies, etc. Seed should be sown early in spring, where the plants are designed to bloom, as they are difficult to transplant. Thin to 12 or 15 inches apart. Succeeds well in almost any soil. Hardy annuals. Pkt. Cts.

Shirley, flowers large, very graceful and elegant, ranging in color from purest white and delicate pink, through innumerable shades to bright crimson; mixed colors.....10

Iceland, blooms continuously from early in June to October; mixed colors.....10

Papaver Umbrosum, brilliant; flowers rich vermilion with shining black spots on each petal; 18 inches high..... 5

Mikado, large double flowers, pure white with fringed edges of crimson scarlet..... 5

Ranunculus-Flowered, double; mixed colors..... 5

Carnation, double; mixed colors..... 5

Paeony-Flowered, large flowers, very double; mixed colors..... 5

Tulip Poppy, twelve to fourteen inches high, producing well above the foliage fifty to sixty large and splendid flowers of the most vivid scarlet imaginable; commences blooming early in June and flowers abundantly for six to eight weeks..... 10



MIKADO POPPY.

PERILLA.

A highly ornamental, half-hardy annual ; prized for its beautiful bronze foliage. Its habit of growth is neat and shrubby ; grows well in any good soil.

Nankinensis, leaves dark purple or deep mulberry ; very desirable..... 5

PORTULACA.

This popular flower stands unrivalled for richness and brilliancy of color, and delights in a warm situation and light, gravelly soil ; is particularly attractive in beds on the lawn, and also for baskets, edging, and similar decorative purposes. Sow seed in a hot-bed or open ground early in spring, and thin or transplant to 8 or 10 inches apart ; hardy annual.

Finest Double, so perfect are the flowers that they look like little roses ; mixed colors..... 15

Finest Single Varieties, mixed colors 5

RICINUS. (CASTOR-OIL BEAN.)

A magnificent and highly ornamental class of half-hardy annuals, remarkable for their stately growth and tropical appearance ; their picturesque foliage combined with the brilliant fruit of the giant varieties, imparts a tropical aspect to our lawns, plantations and pleasure grounds. They are also very attractive if grown as single specimens. Seed should be planted as early in spring as safe from frost. Succeeds in any garden soil ; grow from six to fifteen feet in height.

Duchess of Edinburgh, dark purple stem and leaves ; very fine ; 6 feet.... 5

Sanguineus, blood-red stalks, scarlet fruit ; one of the best ; 10 feet..... 5

Borboniensis arboreus, very showy foliage ; 15 feet..... 5

SALPIGLOSSIS.

A tribe of beautiful, half-hardy annuals, with curious penciled and marbled funnel-shaped flowers, producing a striking effect in beds, borders, edgings and ribbons ; of easy culture, and delight in a light, sandy soil ; about 18 inches high. Sow seed in a frame under glass, or in the open ground. **Choicest varieties mixed**..... 5

SENSITIVE PLANT. (MIMOSA).

Mimosa pudica, a tender annual ; curious from the fact that when slightly touched its leaves close and droop. It is absolutely necessary that the seed be started in heat under glass. Succeeds best in pots and on warm borders..... 5

SCABIOSA. (MOURNING BRIDE.)

Handsome, showy plants, excellent for beds and mixed borders ; flowers beautifully variegated ; very valuable for bouquets and floral ornaments. The tall varieties are about two feet in height, and the dwarf about one foot. The flowers are supported on long, wiry stems, and embrace almost every color from black to white. Seed



SALPIGLOSSIS.

may be sown in the open ground early in spring ; transplant to one foot apart ; easy of culture. Hardy annual.

Dwarf varieties, mixed..... 5

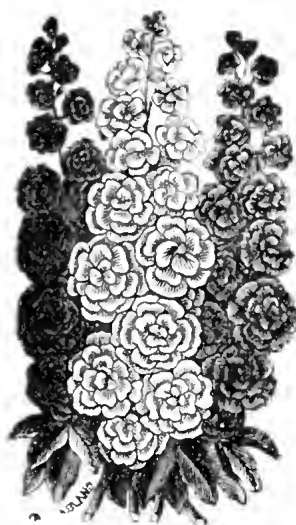
Tall varieties, mixed..... 5

STOCK, TEN WEEKS.

The Ten Weeks, or Annual Stock, produces an abundance of extremely fragrant flowers of various delicate tints. Valuable for early, late or winter blooming; flowers in splendid spikes. The seed we offer has been obtained direct from the most successful Stock seed growers in Germany. Seed may be sown in hot-bed or in the open ground early in spring. Easily transplanted when small. A good soil is required; set plants one foot apart.

Pkt. Cts.

German, dwarf varieties mixed, fine free bloomers.....	10
German, Giant Perfection, tall varieties mixed, very desirable.....	10
Large-flowering Dwarf White	10
Snowflake, earliest of the whites; fine for forcing ..	10
"Cut and Come Again," white; reproduces itself quickly.....	10
Sky Blue, large flowered, pyramidal.....	10



STOCK, TEN WEEKS.

SANVITALIA.

Procumbens, fl. pl., a pretty, dwarf-growing plant, of creeping habit, and suitable for small beds, rock-work, etc.; flowers bright yellow, double; desirable; hardy annual..... 5

TORENIA.

Beautiful trailing plants for vases, baskets, etc.; they bloom continually during the summer in the open ground, also in the greenhouse in winter.

Fournieri grandiflora, flowers porcelain blue and rich violet; throat bright yellow.....10

SILENE [See *Catchfly*].

TROPÆOLUM. [DWARF NASTURTIUM.]

An elegant class of half-hardy annuals, better known as the "Nasturtium;" remarkable for the great brilliancy and richness of color of their finely-formed and beautifully-marked flowers. The varieties of *T. Majus* and *T. Lobbianum* are fine climbers, a description of which will be found in the proper place among the Climbers. The *Tom Thumb* varieties are dwarf, round-headed plants, about a foot high, and are very effective in beds. Seed may be sown in the open ground, or transplanted; also grows freely from cuttings. Set one foot apart.

Tropæolum, King of Tom Thumbs, flowers brilliant scarlet; very fine..... 5

Tom Thumb, King Theodore, choice, very dark crimson..... 5

Tom Thumb, Crystal Palace Gem, yellow, spotted with maroon..... 5

Tom Thumb, Beauty, yellow and crimson..... 5

Tom Thumb, finest mixed colors..... 5



PLANT OF NASTURTIUM.



VERBENAS

- Verbena Hybrida Auriculæflora Coerulea** 10
Verbena Hybrida, mammoth new large flowered, finest mixed. 10

VERBENAS.

A rival of the Phlox for bedding on account of the splendid and dazzling brilliancy of its beautiful flowers. It blooms freely the first season from seed, and is much more healthy, and makes larger and hardier plants than if grown from cuttings; is very fragrant; requires a very rich, mellow soil. Transplant to 15 or 18 inches apart; may be treated as a half-hardy annual; of low trailing habit. [Illustration.]

- Verbena Hybrida, Extra**, seed saved from over one hundred named varieties 10
Hybrida Striata, Italian carnation-like striped; from a rich collection.. 10
Hybrida Scarlet, exceedingly bright 10
Hybrida Candidissima, large pure white blossoms..... 10
Hybrida Auriculæflora, from finest occulated flowers only.... 10

WHITLAVIA.

Very neat, hardy annuals, with fine foliage and beautiful bell-shaped flowers about an inch in length. Succeeds best in a rich mellow soil.

- Whitlavia Grandiflora**, mixed colors..... 5

ZINNIA. (DOUBLE-FLOWERED.)

A splendid plant of branching habit and great beauty, continuing in bloom a very long time, and for the richness and brilliancy of its flowers is highly prized; is quite hardy, and particularly adapted to our climate; will thrive in any good soil. Seed may be sown in a hot-bed or open ground early in spring, transplant when small to about 15 or 20 inches apart; grows about 20 inches in height, begins to bloom when quite small, the same flowers continuing in perfection for months. The seed we offer below is very choice and unexcelled. Half-hardy annual. [Illustration.]

- Zinnia, Double Dwarf**, the choicest colors mixed..... 10
Double Striped, finest mixed, seed saved from the finest striped varieties. ... 10



DOUBLE ZINNIA.

Ornamental Climbers.

The climbers are rapidly increasing in popularity and favor. The strong and vigorous growing varieties are well adapted to covering arbors, verandas, fences, buildings, etc., and will produce both beauty and shade. Those of finer and more delicate growth are particularly adapted for hanging baskets, vases, and similar purposes. It is absolutely necessary that the proper support be furnished in due time for the varieties of strong growth, for if the plants are once neglected, and given to a wrong course, it will be almost an impossibility to make them assume good habits, even with much anxiety and trouble. We consider no hanging basket or vase as complete without one or more climbing plants, which form the drapery necessary to make any basket or vase look well.

ADLUMIA.

Pkt. Cts.

Adlumia Cirrhosa, or Allegheny vine, is a beautiful biennial climber, often growing more than twenty feet in one season; flowers pink and white, in clusters. Sow seed in spring, in a damp, cool place, or keep the ground shaded. Transplant in the autumn, if possible, though the spring will answer..... 5

COBCEA.

A magnificent climbing plant of very rapid growth with large bell-shaped flowers and well adapted to the greenhouse or conservatory. In a good soil and warm situation will grow 20 or 30 feet in height. The seed should be started in a hot-bed, as it is very apt to rot in the open ground. Tender annual.

Cobceæa Scandens, purple10

CONVOLVULUS—[MORNING GLORY.]

On account of its rapid growth, this well-known annual is unsurpassed for covering trellises, verandas, walls, rock-work, etc., in a short time; flowers large and showy. Sow seed early in spring where the plants are to bloom. It is necessary that support be furnished as soon as the plant shows a disposition to run.

Convolvulus Major, finest colors mixed..... 5

CYPRESS VINE. SEE IPOMCEA.

DOLICHOS.

Dolichos Lablab, (Hyacinth Bean), is a beautiful climbing, tender annual, of rapid growth, often attaining the height of 12 to 15 feet; flowers produced in clusters; the seed pods are also highly ornamental. Seed may be planted about the time of planting the common bean, where they are designed to bloom..... 5



MORNING GLORY.

GOURDS, ORNAMENTAL.

A highly interesting class of plants, of rapid growth, with luxuriant and ornamental foliage, and bearing fruit of the most varied and fantastic forms; very desirable for covering old trees, walls, fences, arbors, etc. Tender annuals. A rich soil is preferable. Treatment as for squashes.

Calabash, the old-fashioned Dipper Gourd. 5
Hercules' Club, club shape, large and long..... 5
Orange, commonly called Mock Orange..... 5
Pear-Shaped, yellow and green, finely striped..... 5
Striped Apple, small, yellow; beautifully striped..... 5
Egg-Formed, resembling the fruit of White Egg-Plant, fine..... 5
Trichosanthes Colubrina, True Serpent-Gourd very handsome..... 5
Mixed Varieties 5

LOASA.

Loasa Aurantiaca, a curious free-flowering climbing plant, suitable for covering trellises and wire work, succeeding in any light soil..... 5

MAURANDYA.

This graceful free-flowering climber cannot be too highly recommended for flower garden or greenhouse ; seed should be sown under glass and removed to the garden when it becomes warm ; blooms the first season. Half-hardy perennial.

Finest Mixed,.....10

IPOMŒA.

Very beautiful climbing plants, suitable for greenhouse, or for warm sheltered out-door situations ; does best when started under glass. Tender annuals.

Coccoloba (Star Ipomœa), scarlet ; profuse bloomers, very fine..... 5

Quamoclit (Cypress Vine), mixed..... 5

Noctiflora (Moonflower), immense white flowers in profusion, and from 5 to 6 inches in diameter, with five-pointed star in center ; blooms expand best at night, hence its name. The vine often grows 40 feet in a single season, if properly supported ; rather tender, but can be kept in the house over winter very easily ; delicious in perfume.....10

TROPŒOLUM. (TALL.)

Very elegant and showy climbers, flowering most profusely ; admirably adapted for greenhouse or conservatory during the winter, and very desirable for the flower garden. **T. Lobbianum** and **T. Peregrinum** should be sown under glass.

Majus, King Theodore, very dark..... 5

Majus, finest colors mixed ; oz. 15c..... 5

Lobbianum, finest colors mixed ; best for the greenhouse or conservatory.....10

Peregrinum (Canary Bird Flower), flowers of a bright canary yellow.....10

THUNBERGIA.

Very ornamental climbing or trailing plants, desirable for the greenhouse or conservatory ; also very fine for hanging baskets, vases, etc.

Mixed Colors..... 5

SWEET PEAS.

(*LATHYRUS ODORATUS*.)

No other annual of the present time is so universally popular as the delicate and fragrant Sweet Pea. The delicious fragrance, and large flowers of this popular class of annuals, with the great beauty of the many new introductions, should have the attention of all cultivators of flowers. It is hardly necessary to state that the Sweet Pea is a climber, continuing in flower the whole summer, and is as fragrant as the Mignonette. A very desirable plant for back-ground or screen in the garden, supported by a row of brush. Plant as early in the spring as possible. Don't wait for warm weather. After the plants commence blooming, cut all the flowers, allowing none to go to seed, for by so doing they will continue to bloom until the frost takes them in the fall.

Apple Blossom, very handsome ; three extra large flowers on a stem ; bright rosy pink standards, with apple blossom blush wings ; oz. 15c..... 5



SWEET PEAS.

Blanche Ferry , large pink and white flowers on long stem; blooms early, long and profusely; oz. 15c.....	5
Blushing Beauty , flowers largest, perfect in shape and of very good substance; color a delicate soft pink, a very lovely shade; oz. 10c.....	5
Boreatton , flowers exceedingly large, with rich dark maroon standards and wings, the latter tinged with purple; thrifty grower and profuse bloomer; oz. 15c.....	5
Butterfly , blossoms are of a delicate white, tinted with lavender and edged with blue; mild and pleasing to the eye; oz. 10c.....	5
Countess of Radnor , pale mauve, a most exquisite shade; oz. 15c.....	5
Crown Princess of Prussia (<i>Salmon flesh</i>), light blush opening with salmon standards; oz. 10c.....	5
Delight , flower comparatively small, but very graceful and a delicate shaded pink color, very attractive; plant dwarf and wonderfully floriferous; oz. 10c....	5
Emily Henderson , fine, new, absolutely pure white; as early and as free flowering as Blanche Ferry; popular with florists for forcing; oz. 10c.....	5
Empress of India , large pink and white flowers; clear, rosy-pink standard and white wings, lovely; oz. 10c.....	5
Firefly , for color this superb variety is unapproached; flowers borne three on a stem; standards a deep brilliant scarlet, wings truly a fiery shade; the most brilliant variety yet produced; oz. 15c.....	5
Gaiety , splendid, three to four on long stems; wings and standards beautifully marked with lively stripes of bright crimson on white; oz. 10c.....	5
Grand, or Imperial Blue (<i>Invincible Blue</i>), very effective; bright, pure blue wings, slightly shaded with mauve; standards being a deep rich purple, touched with rose; oz. 10c.....	5
Invincible Carmine (<i>Cardinal of Beauty</i>), splendid, robust grower, producing a great profusion of bright glowing cardinal flowers; brightest color of all Sweet Peas; oz. 10c.....	5
Lottie Eckford , three large flowers on a stem; flowers white, edged with lavender; beautiful; oz. 10c.....	5
Mrs. Sankey , remarkable for its extra large pure white flowers, three on a stem; desirable for florists' use; oz. 15c.....	5
Orange Prince , the rarest of all colors; the grand, long stem flowers are bright orange-pink, flushed with scarlet; very distinct and beautiful; oz. 15c.	5
Painted Lady , rosy and crimson; a blush white; oz. 10c.....	5
Primrose , a near approach to the Yellow Sweet Pea; quite novel and distinct; color primrose-yellow; oz. 15c.....	5
Princess Beatrice , a vigorous grower; a free bloomer; flowers a clear and beautiful carmine-rose, slightly shaded; one of the best; oz. 15c.....	5
Princess of Wales , a vigorous grower; white; grand; shaded and striped indigo blue and lavender; oz. 10c.....	5
Purple Prince, or Indigo King , standards dark maroon purple; wings indigo blue; rich and captivating; oz. 10c.....	5
Queen of England , grand pure white flowers, of extra large size; oz. 15c....	5
Queen of the Isles , rose claret and scarlet; striped with white, large; oz. 15c	5
Royal Robe , largest size flowers, borne in threes on long stems; standards a rich but delicate pink; wings a soft blush-pink; an exquisite variety; oz. 10c.	5
Senator , standards splendidly expanded; color chocolate; shaded and striped; creamy-white; oz. 10c.....	5
Splendor , rich bright pinkish rose, shaded with crimson; flowers large, and of finest form; oz. 10c.....	5
Stanley , rich maroon, darker than Boreatton, and of larger size; oz. 15c.....	5
Violet Queen , charming, ranging from deep mauve to light violet; oz. 15c....	5
Venus , one of the best of the newer sorts; color salmon-buff; the standards delicately shaded rosy-pink; of the largest expanded form; oz. 10c.....	5
White , oz. 10c.....	5
Eckford's Choicest Mixed , this is mixed seed from the many beautiful hybrids produced by this celebrated grower; it will produce a large range of colors; the flowers are quite uniform; of fine form and substance; oz. 15c....	5
Mixed Sweet Peas , a mixture of all colors of the old favorites; oz. 10c....	5

EVERLASTING FLOWERS.

The Everlasting, or Eternal Flowers, as they are sometimes called, are a very popular class of plants, retaining their form and color for years, and are used for winter bouquets, wreaths and decorative purposes; they are known by the French as "Immortelles." Some of the Ornamental Grasses make up into bouquets, etc., splendidly with Everlastings. The flowers, generally, should be picked before they are fully open, and hung up in small bunches, so that the stems will dry straight.

ACROCLINIUM.

One of the best; the flowers should be cut when partially expanded; plant about six inches apart; grows one foot high; half-hardy annuals. Pkt. Cts.

Mixed Colors..... 5

AMMOBIUM.

Alatum Grandiflorum, is a very desirable white everlasting, pretty for the garden as well as drying; grows two feet high; hardy annual.....

GOMPRHENA—(GLOBE-AMARANTH.)

A remarkably handsome and well-known everlasting flower, often called English Clover. The flowers should not be cut until fully developed, otherwise most of their beauty will be lost. Seeds of the Gomphrena should be sown in a hot-bed, if possible, and if the cottony coating is removed the seed will be more sure to germinate. Transplant to one foot apart.

Globosa Aurea Superba, orange, large and distinct..... 5

Globosa, mixed colors..... 5

GYPSOPHILA.

The Gypsophila we commend to our readers as one of the most desirable plants known for ornamental purposes; it dries admirably, and is a treasure in winter for making winter bouquets; it is a free bloomer and succeeds in any garden soil.

Paniculata, white; fine for cutting..... 5

HELICHRYSUM.

The Helichrysum is a very beautiful and valuable everlasting, very effective in the flower border, and is indispensable for winter bouquets, for which cut before the blooms are fully expanded. Seeds germinate freely in the open ground. Half-hardy annual.

Monstrosum, double; mixed colors; two feet... 5

HELIPTERUM.

One of the finest everlastings in cultivation, growing about one foot high. Flowers small and produced in globular-shaped clusters. Sow seed early in a hot-bed, or later in a warm border in the garden. Tender annual.

Sandfordii, flowers of a golden-yellow color..... 5

RHODANTHE.

A very delicate and charming little everlasting, highly esteemed by all who have grown them, both for the flower garden and also for winter bouquets and ornaments when dried. Sow seed under glass; transplant into a warm, rich soil, six inches apart. Tender annual.

Maculata, mixed..... 5

XERANTHEMUM.

A free-growing, half-hardy annual, showy as a garden plant, and the flowers of which are valuable, when dried, for winter bouquets and ornaments. Bears transplanting well; plants should be set 8 or 10 inches apart.

Double, mixed colors..... 5

SEEDS FOR THE GREENHOUSE.

The names in this department will have a familiar sound to all lovers of house-plants. The *Abutilon*, *Cineraria*, *Geranium*, *Fuchsia*, etc., are associated with our earliest recollections. Most persons procure plants from the greenhouses, and when but one or two of a kind are needed this is a good plan. Some, however, have greenhouses and desire many plants, and others take pride and pleasure in growing from seed—in watching every day's growth, from the tiny seed-leaf to the full developed plant in all its grand display of beauty. To all such we shall be happy to furnish seed. We do not wish to convey the idea that the seeds in this department must necessarily be sown in a greenhouse, as most of the varieties will succeed as well in the dwelling house, if the conditions congenial to their health can only be secured, which the greenhouse or conservatory furnish; these are light, warmth, air and sunshine. As the seeds in this department are mostly delicate, it is best to make several sowings at different times. The most experienced gardeners always do this.



CYCLAMEN.

	Pkt. Cts.
Abutilon , hybrids, finest varieties, mixed.....	15
Begonias , Tuberose Rooted , Single varieties , mixed.....	25
Double varieties , mixed.....	35
Calceolaria Hybrida , mixed, beautiful spotted and self colored flowers.....	25
Centaurea Gymnocarpa , white foliage, delicately cut; graceful.....	10
Argentea , fine, silvery, elegant foliage.....	10
Cineraria Hybrida , finest quality; choice mixed.....	15
" " Half dwarf , splendid, mixed.....	15
" " Grandiflora , large flowering, splendid, mixed.....	25
" " " half dwarf , flowering, splendid, mixed.....	25
Clianthus Dampieri , scarlet, black center, fine foliage; tender annual; 4 ft.....	10
Colens , splendid, mixed; finest varieties, leaves rich and gorgeous.....	15
Cyclamen Giganteum , best varieties mixed.....	25
Draeæna , an elegant foliage plant; finest varieties mixed.....	25
Fuchsia Hybrida , single mixed (known as Lady's Ear Drop); desirable.....	20
Hybrida , double mixed; very desirable.....	25
Gloxinia Hybrida Crassifolia Erecta , erect flowers, fine habit.....	25
Geranium , Fancy , choicest fancy varieties, mixed; pkts. of 5 seeds.....	25
Golden and Bronzed-leaved varieties , choice.....	25
Double Mixed , fine colors.....	25
Heliotrope , very fragrant; finest mixed.....	10
Lantana , finest colors mixed; fine for bedding.....	10
Passion Flower , several choice varieties mixed; desirable for greenhouse.....	10
Passiflora Cœrulea Grandiflora , most hardy of the Passion flowers.....	10
Primula fimbriata , single, finest mixed colors.....	25
fimbriata (Chinese Primrose), single, pure white, fringed.....	25
fimbriata alba plena , double white; extra fine.....	50
fimbriata , double mixed colors of the finest and best varieties.....	50
Fern-Leaved , very pretty fern-leaved foliage.....	25
Smilax (<i>Myrsiphyllum Asparagoides</i>), an elegant twiner, furnishing yards of glossy green foliage; the most popular plant for decorating, etc.....	10
Solanum Ciliatum , very fine, bearing red berries, which remain on plant a long time.....	10
Salvia Splendens , flowers brilliant scarlet, blooming summer and winter.....	10
Patents , flowers of richest blue; very desirable.....	20
Tropœalum Pentaphyllum , fine.....	

BIENNIALS AND PERENNIALS.

Flowering the Second Season.

In this section will be found those plants that do not flower until the second season, comprising many of the finest and most showy plants to be found, some of which begin to bloom early in spring, others in summer and autumn. They are all of easy cultivation, and may be increased in quantity by dividing the roots. Seeds may be sown in the spring about the time of sowing annuals, or later, if preferred; but if sowing is delayed until the season becomes hot and dry, great care should be exercised in selecting a moist situation, and also somewhat protected from the hot sun, in order to have the seed germinate freely. Soon after the plants are through blooming we would advise cutting the old flower stems within a few inches of the ground which will present a more tidy appearance, and render the plants more vigorous.

ACONITUM.

Showy, hardy perennials, generally called "Monk's Hood," with curious hood-shaped flowers; will succeed well in any good soil.

Mixed Colors..... 5

AQUILEGIA—COLUMBINE.

Beautiful and very showy hardy perennials, worthy of a place in mixed borders and shrubberies; flowers curious and fine; bloom early in the summer. Sow seed in the open ground and transplant to any desired situation; two feet.

Double, Mixed Colors, choice..... 5

Single, Mixed Colors, fine..... 5

ALYSSUM.

Alyssum Saxatile Compactum, a beautiful variety with superb golden-yellow flowers, which bloom early in spring; compact habit, growing about eighteen inches in height; hardy perennials..... 5



MARGUERITE.

CARNATION.

[DIANTHUS CARYOPHYLLUS.]

A magnificent class of popular favorites; flowers large, beautiful and exceedingly fragrant. Seed should be sown under glass, or in the open border early in spring. A succession of young plants may be procured by layering or from seed each year. The seed we offer below is from the most reliable growers in Europe, and will undoubtedly produce a large proportion of fine double flowers; some, perhaps, may come single or semi-double, but these may be pulled up. Half-hardy perennials.

Marguerite, most abundant bloomers; flowers very double and of various colors; continue to bloom from early summer until frost; fine for winter flowering..... 10

Grenadin, brilliant double scarlet flowers; habit dwarf and compact; very early..... 10

Extra Mixed, German, from named flowers only 15

CAMPANULA.

A pretty class of strong growing plants, free bloomers and perfectly hardy; flowers bell shaped and presenting a fine appearance in beds; seeds may be sown in open ground. *The following are Biennials, and in order to secure a succession of blooms, seed should be sown every spring.*

Medium (Canterbury Bell), double mixed, eighteen inches.....	5
“ “ “ single “ “ “ “	5
“ Calycanthema, splendid mixed colors.....	5

DELPHINIUM. (PERENNIAL LARKSPUR.)

Very handsome and well-known perennials, with splendid flowers and curiously cut leaves; indispensable for permanent beds and borders.

Finest Mixed Hybrids, single.....	5
“ “ “ double.....	5

DIGITALIS. (FOX-GLOVE.)

Very ornamental and showy perennials for borders, etc., with beautiful long spikes of flowers. Grow three feet high. New plants may be procured by a division of the roots.

Finest Mixed Varieties, large flowering sorts.	5
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FRAXINELLA. [DICTAMNUS.]

A handsome and very fragrant herbaceous plant, very free-blooming, and will succeed in any common soil; admirably adapted for mixed borders, etc. The seed very often remains in a dormant state for several months before germinating. Hardy perennial; two feet.

Red and White, mixed.....	5
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HOLLYHOCK. [ALTHEA ROSEA.]

This well-known garden flower has been much improved, and is now an ornament to any garden. The plant is more dwarf and of branching habit, with perfect double flowers of various shades and tints, making it very desirable for situations where tall flowering plants are required. New plants can be obtained by dividing the roots, or from seed each year. Hardy perennials.

Fine Double Mixed.....	10
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IBERIS. [PERENNIAL CANDYTUFT.]

Very pretty, early and profuse-blooming little plant, continuing in bloom a long time, and well adapted to rock work, rustic baskets, etc. Succeeds finely in any garden soil. Hardy perennial.

Sempervirens, pure white; very choice; eight or ten inches.....	5
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IPOMOPSIS.

A class of very handsome half-hardy biennials of easy growth, producing a profusion of rich orange and scarlet flowers, borne on long spikes; foliage very fine, resembling the Cypress Vine very much; growing to the height of three or four feet; of long duration in bloom; difficult to keep over winter, but occasionally do well in a dry place; too much moisture will destroy them.

Mixed Colors.....	5
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LINUM. [FLAX.]

A hardy perennial of striking beauty and gracefulness, with fine foliage and delicate flowers, borne upon long, slender stems, which appear as if floating in the air, continuing in bloom a very long time; succeeds well in light sandy soil.

Mixed Colors, all the choice varieties.....	5
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LYCHNIS.

Very handsome, hardy perennial, producing a striking effect in mixed borders; easy of culture; succeeds in any rich soil; if seeds are sown early will bloom the first season.

Chalcedonica, scarlet and white, fine mixed.....	5
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PAPAVER [PERENNIAL POPPY].

Very showy hardy perennial, with immense flowers of brilliant scarlet, exceedingly attractive in beds on the lawn or for dispersing among shrubbery. Sow seed where the plants are designed to bloom.

Orientele, very large, red ; three feet 5

POTENTILLA.

Very pretty perennials ; perfectly hardy, showy, and of great utility ; very desirable for mixed shrubbery, borders, etc. Remarkable for brilliancy of colors ; grow about eighteen inches in height ; of easy culture.

Finest Single Varieties, brilliant colors, mixed..... 5

PYRETHRUM.

Handsome, free-flowering plants, of easy culture. Succeeds in any rich soil. Seed may be sown in hot-bed or open border. Transplant to about one foot apart. Hardy perennials.

Floro pleno (Double Feverfew), mixed..... 10

Parthenifolium aureum (Golden Feather), prized for its yellow foliage 5

PICOTEE [DIANTHUS CARVOPHYLLUS].

A well-known and popular favorite, similar to the Carnation in growth and habit, with flowers of various delicate tints. Sow seed in hot-bed or in the open ground. Treat as Carnation. Half-hardy perennial.

Mixed Colors, choice..... 15

PEAS, PERENNIAL [LATHYRUS].

Sometimes called Everlasting Peas ; are beautiful climbers and perfectly hardy ; bloom in fine large clusters resembling Sweet Peas ; invaluable for covering old stumps, fences, walls, etc. Seed may be sown in the open ground. To facilitate germination, soak seed in warm water.

Mixed Colors, choice..... 10

PENTSTEMON.

A very ornamental class of perennials, with long and beautiful spikes of richly colored flowers, very effective in beds, borders, etc. Seed may be sown in the open ground in May, in a cool and shady situation. Grow from two to three feet high.

Grandiflora, Mixed, new large flowered..... 10

ROCKET [HESPERIS].

A handsome class of early spring flowering plants. Very fragrant, and are excellent for bouquets ; will succeed in any garden soil. Grow about eighteen inches in height. Hardy perennial.

Sweet, Mixed Colors..... 5

SWEET WILLIAM [DIANTHUS BARBATUS].

This old and universal favorite has been greatly improved in the past few years. A bed of them in bloom presents a beautiful sight ; are remarkable for their exceedingly handsome colors. Seed may be sown early in spring in the open ground. When the plants are of sufficient size, transplant to about a foot apart ; of easy culture. Treat same as Carnation. Hardy perennial.

Choicest Double Varieties, mixed 10

Finest Single Varieties, mixed..... 5

WALLFLOWER [CHEIRANTHUS CHEIRI].

A very fragrant class of biennials, but will not endure our cold winters. Very desirable for in-door decorations, etc. Remarkable for its large and beautiful colored spikes of bloom. May be kept over winter in a light cellar or any cool, dry place where there is sufficient light.

Double, fine mixed colors..... 10

ORNAMENTAL GRASSES.

All those who grow Everlasting Flowers for winter decoration should not fail to secure a collection of Ornamental Grasses, as we think the graceful appearance of the Grasses almost indispensable to the perfect finish of winter bouquets and ornaments. They are also very valuable for bouquets in the green state. In Europe the grasses are grown extensively and dyed of various colors, which render them exceedingly pretty. All in the following collection are curious, handsome and graceful. Cut for winter use about the time of flowering; tie in small bunches and hang up to dry. Those varieties which do not flower until the second season, as is the case with some of the more stately and beautiful sorts, should be marked in some way in the fall, as they are liable to be destroyed in the spring, since they bear a striking resemblance to common grass. Sow seed early in spring.



BRIZA MAXIMA.



LAGURUS OVATUS.

	Pkts. Cts.
Agrostis Nebulosa , very delicate, fine and feathery; hardy annual.....	5
Avena Sterilis (Animated Oat), hardy annual, thirty inches.....	5
Briza Geniculata , a profuse bloomer, fine; eighteen inches; hardy annual....	5
Briza Maxima (Quaking Grass), one of the most useful; one foot; hardy annual.....	5
Broun's Brizæformis , resembling Briza Maxima; one foot; hardy perennial..	5
Brizopyrum Siculum , neat and pretty; eight inches; half hardy annual.....	5
Chloris Elegans , tassel-like flowers; hardy annual; one foot.....	5
Chrysurs Cynosuroides , dwarf, with feathery spikes; hardy annual.....	5
Coix Lachryma (Job's Tears), broad, corn-like leaves; two feet; annual.....	5
Erianthus Ravenneæ , much like Pampas Grass, but more hardy; perennial..	5
Gynerium Argenteum (Pampas Grass), the most noble grass in cultivation, flowering the second season in large silvery plumes, on stalks eight and ten feet in height; requires protection during winter in our northern climate ...	5
Hordeum Jubatum , (Squirrel-tail Grass), white plumes; fine hardy annual; three feet.....	5
Lagurus Ovatus (Hare's-tail Grass), white plumes, one foot, annual.....	5
Panicum Sulcatum , perennial, with palm-shaped foliage.	5
Pennisetum Longistylum , very graceful, eighteen inches, hardy annual...	5
Stipa Pennata (Feather Grass), one of the finest of the ornamental grasses, flowering the second season. Seed should be started in a hot-bed as it is slow to vegetate. Presents a feathery appearance. Hardy Perennial	5
Zea Japonica fol. var. (Striped-leaf, Japanese Corn,) green striped with white; annual.....	5

☞ One pkt. each of the entire collection for 50c.

Tender Summer - Flowering Plants, Bulbs, Etc.

By Mail or Express, prepaid.

The Summer-Flowering Plants and Bulbs are a useful and magnificent class of flowers and are deservedly becoming every year more popular among the lovers of flowers everywhere. They are of easy culture, require but little care, and exhibit a most dazzling display during their continuance in bloom. The Summer Bulbs are quite tender—are easily destroyed by frost, and, therefore, should not be planted out until all danger of frost is over in the spring. They should be taken up in the fall before severe frosts, and preserved over winter by placing them on a shelf in a cool, dry cellar, or some other place where they will be safe from frosts.

The most tender varieties of Bulbs and Roots will not be forwarded until severe frosts are over, so there will be no danger of injury on the way. Parties ordering seeds and bulbs at the same time will receive the seeds at once, and the tender bulbs as soon as the weather will permit.

AMARYLLIS. (THE KNIGHT'S STAR LILY.)

Probably the most magnificent and gorgeous flowering bulbous plants known. Their immense flowers, richness of coloring and regal habit are simply incomparable. They throw up spikes from eighteen inches to three feet high, bearing enormous trumpet-shaped flowers, averaging six to ten inches across, of great substance. For pot culture in the window, conservatory or greenhouse they are well adapted, and when in bloom in the winter and spring months, no flower can approach their beauty.

Johnsonii, a lovely variety of rich velvety bright red, with a white stripe down each petal. An early and abundant bloomer and a specially robust grower. 35c. each, \$3.50 per dozen.

Formosissima, (Jacobean Lily) a quaintly-shaped beautiful

flower of dark scarlet, free blooming; forces well and can be grown in water like Hyacinths. If the bulbs are kept dry during winter they can be planted in the open ground in the spring, and will flower during the summer. 15c. each, \$1.50 per dozen.



AMARYLLIS.

CRINUM.

These are magnificent flowering bulbs, belonging to the Amaryllis family; are as easily cultivated in the open ground as potatoes, and can be taken up in the fall, dried off, and kept over winter like Gladioli; or they can be grown as pot plants and treated as Amaryllis.

Kirkii, produces flowers of the greatest beauty; flower stalk two or more feet tall, bearing a cluster of twelve to twenty large lily-shaped flowers of delightful fragrance. Bulbs each, \$1.00.

Americanum, an evergreen species of the easiest culture; best grown as a pot plant; can be wintered in the cellar if the soil is kept nearly dry. Its large, white, exquisitely fragrant flowers are borne in a cluster on a tall stalk. Bulbs each, 25c.

CALLA.



BLACK CALLA.

graceful and delicate. Likewise the flowers, which are perfect in form, but not more than two and a half inches in diameter, and are pure white. It produces these beautiful flowers in great profusion and almost continuously; 25c. each. Postage paid.

Arum Sanctum, or Black Calla, very peculiar and interesting; each 30c Postage paid.



DWARF CALLA.



CALADIUM ESCULENTUM.

CALADIUM

ESCULENTUM.

One of the most showy of ornamental foliage plants in cultivation, either for the conservatory or for planting out on the lawn; of easy culture and will grow in any garden soil. Leaves very large, of a green color, and beautifully veined and variegated with darker green. Plants should be abundantly supplied with water, which will produce a more luxuriant growth of leaves. In the autumn remove the roots to the cellar and pack in dry sand, out of the reach of frost. Every collection, however small, should contain at least one of these plants. Good roots 20c. each, 6 for \$1.00; extra large, 40c. each, 3 for \$1.00.

CANNA.

Stately plants, highly esteemed for their large and handsome foliage and tropical appearance. Plant out when all danger of frost is over, in groups of eight or ten plants, or will make a fine appearance if set alone. When grown in pots they are fine for decorating houses, halls, greenhouses, etc.

Canna, good roots, each 20c.; \$2.00 per dozen.

Canna, French Varieties, best named sorts, each 20c.; \$2.00 per dozen.

DAHLIAS.

The Dahlia is too well known to require comment on its beauty and popularity. Its colors are beautiful and varied, from white to almost black; its form is perfect. The roots of the Dahlia are very tender, and are easily destroyed by frost; they, therefore, should not be set out until all danger of frost is over in the spring, and

should be taken up in the fall before severe frosts, and removed to a cellar for next season's planting. The roots may be set about three feet apart each way, and as the plants advance the earth should be drawn to the stalks. Our collection this season is very fine, embracing over one hundred of the most approved named varieties. Parties ordering will please state the color they desire, and we will endeavor to furnish the same. Roots, 15c. each; \$1.50 per dozen; \$12.00 per 100.

GLADIOLUS.

The Gladiolus still ranks first in the list of Summer Flowering Bulbs. The flowers are produced in long spikes, and are of almost every desirable color, rendering them indispensable for making a brilliant show in the flower garden, and are also very valuable for making large bouquets for the ornamentation of the center or dining table, etc. In such places we have never known them to fail in giving the utmost satisfaction. The culture of the Gladiolus is very simple. The bulbs may be set from six to eight inches apart, and covered two or three inches deep. They may be set either in groups or in rows, as preferred, but generally appear more satisfactory in groups. Keep the earth mellow, and place a neat stake to support the spikes and prevent their being blown down during strong winds. They may be planted any time from the beginning of April to the first of June, by which method a succession of blooms may be obtained. In the fall take up the bulbs, let them dry for a day or two in the air, then cut off the tops very near the bulbs and store them in some place where they will be secure from frost for next season's planting.



GLADIOLUS.

Doz. Each.

Fine Mixed Varieties, various		
shades of red.....	\$ 30	\$ 5
Fine Mixed Varieties, light		
colors	30	5
Fine Mixed Varieties, assorted	30	5

TUBEROSE.

This plant produces beautiful double white wax-like flowers of great fragrance, borne upon long stems about two feet in height; the flowers are highly esteemed on account of their delicate fragrance, and are deservedly more sought after for bouquet making, etc., than any other member of the bulb family. Bulbs should be planted as soon as the soil is sufficiently warm. Each bulb flowers but once, but the small Bulbs may be saved for future growing.

Dwarf Tuberose "Pearl," each 8c., 4 for 25c., doz., 65c.

WATER LILIES.

The hardy Water Lilies can be grown in a large tub partly filled with rich mud, the roots planted in this, and the tub filled with water.

Nymphaea odorata, the well-known white fragrant Water Lily indigenous to our ponds. Roots, each 25c., doz. \$2.50,

Nymphaea alba-rosea, very hardy, blooms freely, deliciously fragrant, of a deep pick or rose color; beautiful and desirable. Roots, each \$1.50.



TUBEROSE.

MADEIRA VINE.

An excellent climber, which makes a good screen for windows, etc.; also fine for baskets and out-door situations. Grows very rapidly, is quite tender and should necessarily be taken up and stored during winter in a cool, dry cellar, secure from frost. Each, 10c., doz., 75c.



OXALIS.

OXALIS.

One of the prettiest plants we are acquainted with for borders or edgings of beds and walks; forms fine round-headed specimens about a foot in height by the same in breadth; leaves are in nine divisions; flowers of bright purplish pink and borne well above the foliage; bulbs are small and should be planted three or four inches apart in the spring, every one of which will produce a good plant; lift bulbs in the fall and store safely away.

Oxalis Lasiantha, per 100, 50c.; per doz. 10c.

TIGRIDIA.

Curious and beautiful shell-like flowers, produced in abundance, blooming for a long time. The bulbs should be taken up in the autumn, before severe frosts, and removed to a dry cellar and covered with sand.

Conchiflora, yellow, with dark spots; each 8c., 4 for 25c., doz. 75c.

Pavonia, red, with dark spots; each 8c., 4 for 25c., doz. 75c.

TRITOMA—(RED-HOT POKER.)

This splendid late-flowering herbaceous plant throws up a strong flowering stem from three to five feet in height, with a large spike of rich orange-red tinted flower tubes, called in Europe the "Red-Hot Poker." It is admirably adapted to this climate, and will thrive in any ordinary garden soil; it delights in a moist soil, and should, during dry weather, be duly supplied with water. The *Tritoma* is quite hardy in this latitude, and is occasionally left out during winter; but for safety we would advise taking up the plants in autumn and removing to a cool cellar, covering the roots with earth or sand.

Uvaria, exceedingly fine; good roots, each 20c.



TRITOMA.

GIANT SPIDER LILY.

This magnificent South Florida Lily produces large clusters of from twenty to twenty-five flowers, and usually two or more flower stems at the same time. The flowers are airy and fragile appearing, and deliciously sweet scented. Fine for forcing in winter for cut-flowers. Bulbs each, 25c.

TUBEROUS-ROOTED IPOMŒA.

This splendid hardy climber grows rapidly, covering a large space in one season, and will live in the ground over winter in our Northern latitudes. The flowers are very large, pure white, shading to pink and purple in the throat. Roots, each 20c.

GERANIUM.

A group of scarlet Geraniums is a dazzling sight from June to November. No flowering plants are more grown, and certainly none are more suitable for large beds where a mass of bloom is desired. When used in connection with Alternantheras, Coleus and other foliage plants, they make an attractive display. Plants each 15c., 3 for 40c., 6 for 80c., 12 for \$1.50.

COLEUS.

The Coleus is the best and cheapest variegated-leaved plant we have for ornamental bedding. A few dozens of these plants will make a bed of which no one will have any cause to be ashamed. Plants should be set about a foot apart; so when the size of the bed is ascertained it is easy to figure how many plants are needed of each kind for a row. Each 15c., dozen \$1.50.

John Goode, a splendid yellow bedding variety, foliage deeply serrated.
Verschaffeltii, velvet crimson.
 Several Fancy Varieties.

PETUNIA.

Few plants give better satisfaction where a mass of flowers is desired than the Petunia, especially the single varieties. They flower from the time they are planted in spring until killed by frost. The double varieties are also excellent for bedding, but they do not produce their flowers in such wonderful profusion as do the single kinds. For pot culture they are among the most desirable plants we have. The flowers are beautiful, many of the varieties showing blooms that are as large and handsomely formed as Camellia. A well-grown plant is always in bloom.

Petunia, Double, each 20c., doz. \$2.00.

Double Variegated Red and White, each 20c., doz. \$2.00.

Single, each 15c., doz. \$1.50.

Hardy Plants and Bulbs.

The following are some of the most desirable and leading Hardy Plants that will endure the winter with safety. When once planted they will continue to improve every year. They may be increased by division of the roots.

AMPELOPSIS.

Ampelopsis Veitchii, this hardy variety clings very firmly to the side of a house or wall, and will soon form a most perfect mass of foliage. It may be allowed to climb all over the surface, or it can be confined to the foundation wall only, the leaves overlapping each other with wonderful regularity. It is a most beautiful climber, and has become a great favorite. In autumn this unique plant assumes its greatest beauty, the foliage that in summer was a bright glossy green, changes, until the whole plant is a glowing mass of the brightest shades of crimson, scarlet and orange. Also known as the Japan and Boston Ivy. Each 15c., doz. \$1.50.

DAISY.

The Daisy blooms well during spring and autumn, and is too well known to require any description. Fine double red and white, each 20c., doz. \$2.00.

DIANTHUS.

Fine Strong Plants, description will be found on page 48; each 20c., doz. \$2.00.



CARNATION.

CARNATIONS.

Indispensable either for the flower garden in summer, or the greenhouse or parlor in winter. For brilliancy, beauty of color, and delicacy of fragrance, the Carnation stands unsurpassed. Good strong plants, assorted colors, each 15c., doz. \$1.50.

CLEMATIS.

No flower has more rapidly advanced in popular favor than the Clematis. Within a few years it has become the favorite climber of the world. It makes quick, rapid growth, and produces its beautiful showy flowers in the greatest profusion. For pillars, trellises, bedding in masses, or planting about rockwork, the Clematis cannot be excelled. The large-flowering varieties are particularly desirable for these purposes. In the fall give the plants a good top-dressing of well-rotted manure. The following spring spade it in carefully, mixing it with the soil, and it will prove very beneficial to the plants.

Clematis Jackmanni, flowers very large, intense violet purple, and produced in the greatest profusion; hundreds of large beautiful blooms, from four to six inches in diameter, are produced by a single plant, which makes a gorgeous sight. This is the most beautiful hardy climber in cultivation. Strong plants, each 50c., doz. \$5.00.

Henryi, the best white variety, each 50c., doz. \$5.00.

A Great Bargain—One Plant of Each for 90 cents.

CHRYSANTHEMUMS.

The Chrysanthemum is the handsomest and most valuable late autumn and early winter flower. It is the imperial emblem of the Japanese Emperor. In November and December there is nothing that will make so cheerful a display. The plants are almost hardy, but not quite, north of New York City. The best way is to secure young plants in the spring, and sink the pot in the soil up to the rim, water quite freely, and keep the plants well pinched back until about the middle of August. They should be repotted at least twice during the summer. Take them to the house in October and November and you will have a grand display for two months. The prevailing colors are white, different shades of yellow, which are exceedingly fine, and different shades of red and pink. Fine plants, each 15c., 3 for 40c., 6 for 80c., doz. \$1.50.

DAY LILY.

The Day Lily, or *Funkia*, is truly a very desirable autumn flower. The plant has light broad foliage, prettily veined; the flowers are of the purest white, trumpet shaped, about five inches in length. The blue variety has smaller flowers; stems taller. Each 20c.

DIELYTRA SPECTABILIS.

A hardy and handsome plant, with rosy-crimson heart-shaped flowers, borne in fine drooping racemes about a foot in length; often called "Bleeding Heart"; each 25c., doz. \$2.50.

PANSY.

A very fine collection of the most approved sorts and colors, a description of which will be found on page 53. Choice plants, each 15c., doz. \$1.50.

VIOLETS.

The beautiful Double Sweet Violet, perfectly hardy and very fragrant; blooms very early in spring, also during winter, in-doors.

Marie Louise, double blue, darker than Neapolitan; each 20c., doz. \$2.00.

HOLLYHOCK.

There are few plants whose flowers so perfectly combine large size and delicacy as the Hollyhock. Its flowers are quite as double, and almost as pure and perfect as those of the Camellia, and when we remember that they mass around a strong stalk from three to five feet in height, we get some idea of their beauty. Seeds sown in the spring produce plants that will bloom the second season. We have excellent, healthy young plants grown from seed, that will bloom the first summer, and usually for two or three summers after. The colors are nicely assorted, so that almost every color, from white to purple may be expected. Give the plants a light covering of coarse litter for winter protection.

Hollyhock, double lilac, maroon, red, white, pink yellow, each 20c. Any set of six colors, all blooming plants, for \$1.00.



AURATUM LILY.

LILIES.

The lilies are so popular and so universally known that a lengthy description of them is unnecessary. Our bulbs are sound and in fine condition for spring. The following varieties are among the most popular, most of which are very fragrant.

	Each.
<i>Lilium Japonicum longiflorum</i> , pure white, trumpet-shaped, five inches long.....	20
<i>Lilium laucifolium rubrum</i> , red and white..	25
<i>Lilium lancifolium album</i> , pure white.....	30
<i>Lilium auratum</i> , the popular Japan Lily.....	20
<i>Lilium tigrinum</i> , (Tiger Lily)	10
<i>Lilium tigrinum</i> , (Tiger Lily) flore pleno, Double Tiger Lily.....	15

LILY OF THE VALLEY.

Fragrant, well-known little flowers, much liked on account of their delicacy and gracefulness in every way. Each 10c., doz. 60c.

IVY PLANTS.

The Ivy is one of the most valuable climbing plants for decorating windows, arbors, trellises, walls, rock-work, etc.; is also valuable for hanging baskets, vases, etc. Would advise every one to try one or more English Ivies, but, unfortunately, in our cold Northern climate they do not prove quite hardy. For in-door decorations they are unequaled, as they can be trained in any desirable form. Plants, each 25c.

CHINESE PÆONIES.

These are showy, beautiful and easily cultivated plants, that recommend themselves to everyone on account of their large size, beautiful colors and delightful fragrance; bloom through June and July. All the finest colors; each 25c.



LILY OF THE VALLEY.

PERENNIAL PHLOX.


This class is the most interesting of all our herbaceous perennial plants, while its combination of variety and beauty of colors, hardiness and easiness of culture, render it particularly valuable. Strong roots, each 20c; doz. \$2.00.

MYOSOTIS—[Forget-Me-Not.]

These have always been favorites everywhere. The plants like a moist, cool situation, but succeed in any fair garden soil. Blue, 20c each.

Vegetable Plants and Roots.

Plants will be sent as soon as the season for planting out arrives, safely packed in moss. All orders will be carefully boxed free of charge and sent by express at the expense of the purchaser. For descriptions of the following varieties we would refer you to the proper pages in the Catalogue. Plants (being perishable) will not be sent C. O. D. unless at least a quarter of the amount of bill is enclosed with the order. All plants sent out by us are of *prime quality*, the same as we use ourselves.

 *Special Prices for Large Quantities upon Application.*

		Per 1000.	Per 100.
Asparagus,	Colossal, 2 year old roots.....	\$ 6 00	\$1 00
"	Palmetto 2 " "	7 00	1 00
"	Columbia, 2 " "	10 00	1 25
"	Barr's Mammoth, 2 year old roots....	7 00	1 00

CABBAGE PLANTS.

(Ready April 15th.)

Early Summer, Early Wakefield, Succession, Early Etampes, All Seasons, Winnigstadt and Early Flat Dutch; per hundred 75c., thousand \$6.00. By mail, postpaid, 25c. per dozen.

CAULIFLOWER PLANTS.

(Ready April 15th.)

Lenormand's Short-Stemmed, Early Erfurt, Early Paris, Early London and Algiers; per hundred \$1.00, thousand \$7.00. By mail, postpaid, 25c. per dozen.

Henderson's Early Snowball; per hundred \$1.50, thousand \$10.00. By mail, postpaid, 30c. per dozen.

EGG PLANTS.

(Ready June 1st.)

Black Pekin, Improved New York Purple and Early Long Purple; per hundred \$6.00. By mail, postpaid, 75c. per dozen.

PEPPER PLANTS.

(Ready May 15th.)

Sweet Mountain, Ruby King, Tomato-Shaped, Monstrous or Grossum, Cayenne, Yellow Cherry, Red Cherry, Large Bell or Bull Nose, Golden Dawn, New Celestial, Red Cluster and Cardinal; per hundred \$2.00, thousand \$7.50. By mail, postpaid, 40c. per dozen.

CELERY PLANTS.

(Ready May 15th.)

Half Dwarf, Golden Dwarf, Boston Market, Sandringham, White Plume, Major Clark's Pink, New Rose, Paris Golden Self-Branching, Giant Pascal, Hartwell Perfection and Pink Plume; per hundred \$1.00, thousand \$7.50.

LATE CELERY PLANTS.

(Ready June 15th.)

All the popular sorts ready in June for planting for winter use; per hundred 90c., thousand \$5.00.

TOMATO PLANTS.

(Transplanted Plants Ready May 1st.)

Imperial, Columbian Prize, Mascott, Royal Red, New Stone, Buckeye State, Atlantic Prize, Dwarf Aristocrat, Volunteer, Early Ruby, Crown Jewel, Mikado, Acme, Favorite, Paragon, Perfection, Ignatum, Ponderosa, General Grant, Trophy, Mayflower, Beauty, Dwarf Champion, and many of the new and fancy varieties; extra large, fine plants, per hundred \$2.50, thousand \$18.00. By mail, postpaid, 40c. per dozen.

LATE CABBAGE PLANTS.

(Ready June 1st.)

Premium Flat Dutch, Fottler's Brunswick, Drumhead, Stonemason, Marblehead Mammoth, Savoy and Red Dutch; per hundred 50c., thousand \$3.00. By mail, postpaid, 20c. per dozen.

Poultry Supplies.

Purchaser to pay Express or Freight Charges.

	Lbs.	Price.	Lbs.	Price.
Oyster Shells, ground.....	10	\$ 15	100	\$1.00
Lime Stone Grit.....	10	15	100	1.00
Cut Clover, Rowen.....	10	30	50	1.25
Beef Scraps.....	10	50	50	2.00
Ground Raw Bone.....	10	50	50	2.00
Sunflower Seed.....	10	80	50	3.25
Pratt's Poultry Food.....	5	60	50	5.00
Pratt's Horse and Cattle Food.....	10	75	50	3.00
Sturtevant's Egg Food, in pkt. by mail add 10c.—50c.				
Sheridan's Condition Powder, in pkt. by mail add 10c.—25c. and \$1.00.				
Sturtevant's Roup Pills, in pkt. by mail add 5c.—25c. and 50c.				
Pratt's Improved Dog Biscuits, by mail add 5c. per lb.—1 lb. 10c.; 10 lbs. 80c.				
Incubators and Bone Cutters, price on application.				

Lawn Dressing and Flower Food.

Purchaser to pay Express or Freight Charges.

	Lbs.	Price.	Lbs.	Price
Alkali Nitrate Phosphate for Lawns.....	10	\$ 40	50	\$1.75
Bowker's Lawn Fertilizer.....	10	45	50	2.00
Bone Meal Lawn Fertilizer.....	10	40	50	1.75
Bowker's Ammoniated Food for Flowers, in pkt. by mail add 10c.—15c. and 25c.				
Inodorous Concentrated Food for Flowers, in pkt. by mail add 10c.—10c. and 25c.				
Albert's Horticultural Manure, in pkt. by mail add 10c.—25c.				

Insecticides for Destroying All Kinds of Insects.

Tobacco and Sulphur, pkt., by mail add 10c.—15c. and 25c.
 Sulpho Tobacco Soap, pkt., by mail add 10c.—10c. and 25c.
 Whale Oil Soap, pkt., by mail add 10c.—25c.
 Slug Shot, very effectual in destroying potato bugs and beetles, green and black flies, slugs, worms, caterpillars, etc. (By express or freight only.) Price, 5 lbs. 25c., 10 lbs. 40c.

Miscellaneous Articles.

By Mail 10 Cents Additional.

Trowels, ordinary, 10, 15 and 20 cents; solid steel, 45, 50 and 55 cents.
 Excelsior Weeding Hook, for weeding flower beds or vegetable gardens, 15c.
 Haseltine Hand Weeder and Scraper. The best hand weeder for use in flower or vegetable garden. For onions and strawberries it is indispensable. 25c.
 Plant Sprinklers, rubber, 50c., 75c. and \$1.00.
 The Best Pruning Shears. Work better, easier, and last longer, without sharpening than any other in the market. No. 1, 9½ in., ebony handles, brass trimmed, prepaid, \$2.25; No. 2, same as No. 1, black japanned handles, prepaid, \$2.00.
 Lawn Mowers. Easy running, self sharpening, open or closed knife; none better made. 10 inch, \$3.00; 12 inch, \$3.50; 14 inch, \$4.00; 16 inch, \$5.00.

"PLANET JR." GARDEN TOOLS.

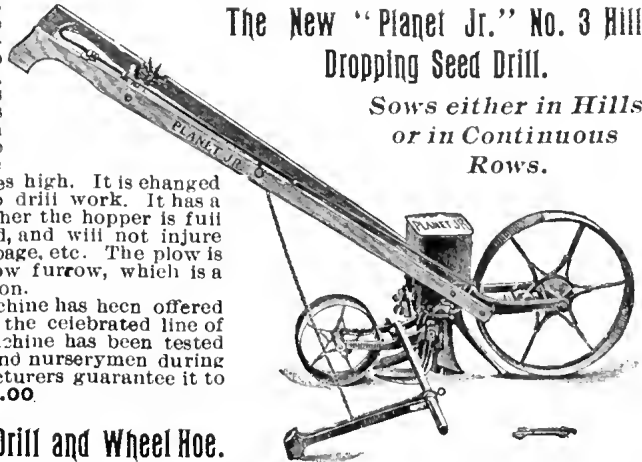
Space will not permit illustrating and describing all the "Planet Jr." tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. "Planet Jr." goods are standard machines and the best on the market. Prices are greatly reduced from last year, and are so low that the manufacturers now insist that everybody shall sell at the same price. In sending your orders to us you can therefore rely on getting bottom prices.

This drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will drop neatly in hills, either four, six, eight, twelve or twenty-four inches apart. It opens the furrow, drops in hills or drills, covers, rolls down and marks the next row, all at one operation. The hopper holds three quarts. The wheel is thirteen inches high. It is changed in a moment from hill dropping to drill work. It has a force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seed, such as radish, cabbage, etc. The plow is adjustable, and opens a very narrow furrow, which is a great advantage for after cultivation.

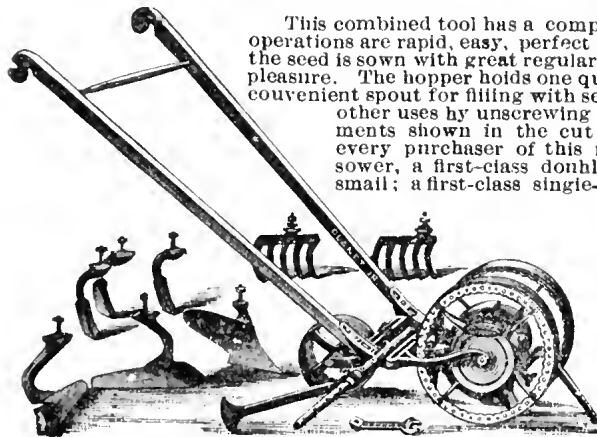
This is the first year that this machine has been offered widely by the manufacturers of the celebrated line of "PLANET JR." goods; but the machine has been tested thoroughly by careful gardeners and nurserymen during the season of 1895, and the manufacturers guarantee it to give entire satisfaction. **Price. \$9.00.**

The New "Planet Jr." No. 3 Hill Dropping Seed Drill.

Sows either in Hills or in Continuous Rows.



The "Planet Jr." Combined Drill and Wheel Hoe.



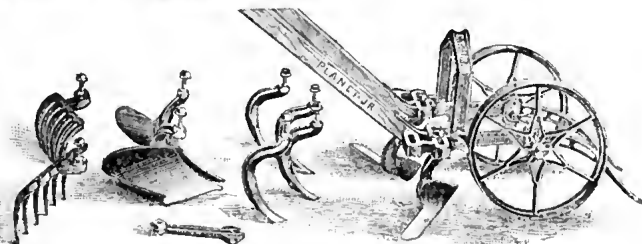
This combined tool has a complete set of entitivating tools, and all its operations are rapid, easy, perfect and delightful. When used as a Drill the seed is sown with great regularity and at uniform depth, regulated at pleasure. The hopper holds one quart. The door, when opened, forms a convenient spout for filling with seed. From a Drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be instantly attached. In short, every purchaser of this machine will find it an excellent seed sower, a first-class double-wheel hoe for use when plants are small; a first-class single-wheel hoe; an excellent furrower; an admirable wheel cultivator; a capital garden rake; a rapid and efficient wheel garden plow; and that it is without an equal in variety of tools, easy adjustment, lightness strength and beauty. **The Price is \$9.00.**

The "Planet Jr." Double Wheel Hoe.

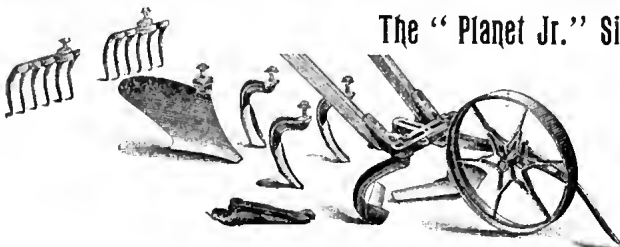
The "Planet Jr." Double Wheel Hoe will straddle plants eighteen inches high, and finish rows from six to eighteen inches apart at one passage.

Thousands of farmers and gardeners who own this tool save its cost one or more times every year, for in an onion field, and among many other crops, one can do more and better work with it than sixteen with ordinary hoes. It is invaluable for for all market garden crops.

Price \$6.00. To accommodate those who have little work but hoeing, we offer the above machine with hoes only, under the name of "Planet Jr." Plain Double Wheel Hoe, at **\$3.50.**



The "Planet Jr." Single Wheel Hoe.



This wheel hoe is considerably lighter than the Double, but does almost the same variety of work, being used mostly between the rows, yet it can be used to hoe both sides at once, while plants are small, by placing the wheel at one side of the frame. **Price \$4.50.** To supply a demand for a cheap Single Wheel Hoe, we offer the above machine, with the hoes only, at **\$2.75.**

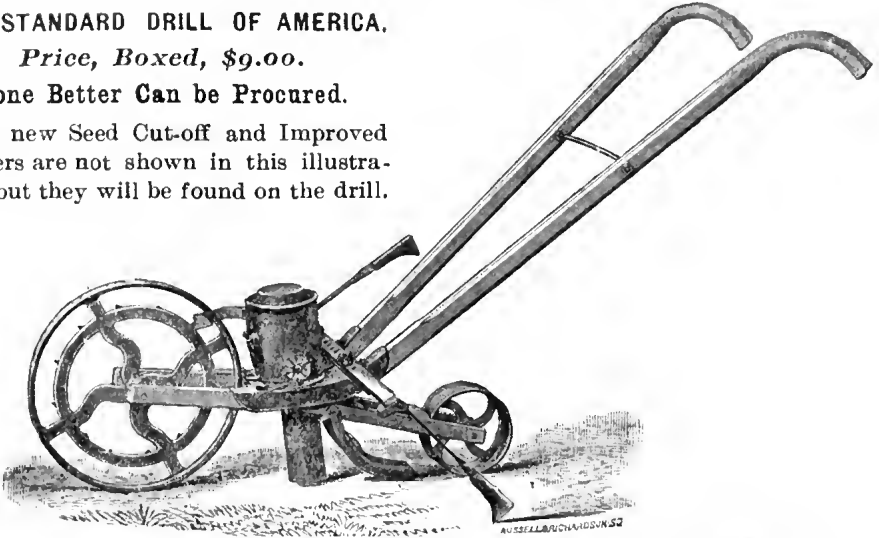
MATTHEWS' GARDEN DRILL.

THE STANDARD DRILL OF AMERICA.

Price, Boxed, \$9.00.

None Better Can be Procured.

The new Seed Cut-off and Improved Markers are not shown in this illustration, but they will be found on the drill.



It has been many years in use, and its still increasing sale is the best evidence of its merits. Prices, boxed and delivered on board cars or to Express Company.

Matthews Garden Gem Drill.....	\$ 7 00
Matthews Garden Drill—New Universal Model. Single Wheel. With Hoe, Cultivator, Rake and Plow Attachments.....	12 50
Matthews Drill and Cultivator combined.....	12 00
Matthews Drill, Cultivator and Hoe combined.....	12 50
Matthews Garden Drill—New Universal Model. Double Wheel. With Hoe, Cultivator, Rake and Plow Attachment.....	13 50
Self Closing Tomato Vine Support—Price, 15c. each, or \$1.50 per dozen, by express or freight, at expense of purchaser.	

Automatic Spray and Force Pump—This unique machine is constructed on an entirely different principle from most of the patent sprinklers now in use, and is the best all-around machine we have yet seen. Something of the kind is an absolute necessity in most localities, for spraying trees, plants and vines with liquid insect-destroyers. The "Automatic" comes in three sizes, Nos. 1, 2 and 3.

Price of No. 1, \$3.75.

Price of No. 2, \$2.00.

All machines boxed and delivered to Express office here, at prices given above.

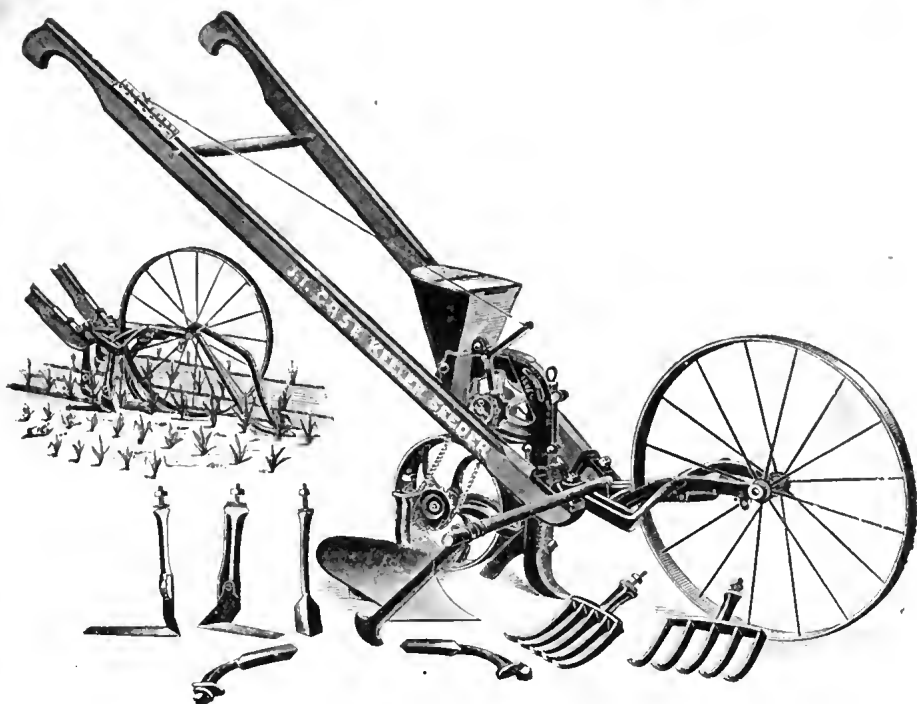
Rice's Patent Combination Border Knife and Scuffle Hoe—by freight or Express at purchaser's expense, 75 cents.

The Rochester Improved Transplanting Dibble—price 35c.; by mail, 45c.

The Lennox Liquid Poison Sprinkler,
FOR FRUIT AND VEGETABLES.

! The only machine on the market that will spray up or down. Will spray plants, shrubs or trees, low or high from ground, reaching fifteen feet. Simply turn the nozzle in the direction wished—the bulb with combination valve does it, press your thumb and you get spray, release pressure and the spray stops. Fine for potatoes, currants, gooseberries, vines and trees. Price, \$4.00, delivered at express or freight office.





J. I. Case-Keeler Seeder Combined Machine, Complete.

OUR CLAIMS.

We claim the J. I. Case-Keeler Seeder will distribute any kind of seed evenly in a continuous row or in hills any distance apart.

We further claim, and will prove it by actual competition anywhere and any place, to have the most practical combined seeder, cultivator, hiller, plow, double plow and cultivator, weed cutters, and double rakes, eight machines in one, before the public.

It has all the advantages of a combined machine with none of the disadvantages as all tools can be removed from the frame.

It is the only garden hand-drill, planter, cultivator, plow, hoe, grass cutter, weeder and hiller combined, that will work either in the field or garden without the ground being first specially prepared.

It is the only machine that in field work can be wheeled from one row to another without being thrown out of gear or wasting seed.

In one minute it can be adjusted for any kind of seed from the finest celery to corn or beans.

We guarantee the machine to perform, execute and fulfill every claim we put forth in this Catalogue.

PRICE LIST.

BOXED AND DELIVERED ON BOARD CARS OR TO EXPRESS COMPANY.

J. I. Case-Keeler Seeder, Combined Machine.....	\$10 00
J. I. Case Keeler Seeder, Wheel, Handle and Frame	7 00
Double Hoe, " " "	4 00
Double Rake, " " "	4 00
Plow, " " "	4 00
Cultivator, " " "	4 00

For further information send for the J. I. Case-Keeler Catalogue, to

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COSMAN BRO'S, Rochester, N.Y.

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NEW IMPERIAL TOMATO.
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We will send free by Mail
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